

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

Is there a 431/A 2-9 sel in yield memo?
(20 a very good early mat line (earlier than 2)
no, there is not

3173

Finished through ~~2500~~ 3235 ^{10/21}

2043

~~2206-11~~
~~22361847~~

2259 - a sl flat. Zenith, sl longer than 7, good
~~2273~~
2296 to 99 (2299 is a v. good Bk or type)
~~2247~~
2307

2305, One of the very best for a sun
Zenith

2333, grain too broad & too flat.

3184, full like original, is almost
as full as Bk + as long.

3185 sl. more sl than 3184

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF

, 19

CONDITIONS OF EXPERIMENT

PLOT

Location

Size

SOIL

Kind

Position

Previous crop

NAME AND CONDITION OF MACHINERY

Plow

Disk

Harrow

Seeder

SEED

Variety

Weight per bushel

Source

Treatment

SEED BED

Preparation :

1.

2.

3.

4.

5.

6.

SEEDING

Manner

Date

Rate

1st Lull

B4045B44-6-4-1, R-SBRX BR41

2001

203

-2

2002

-3

$\frac{9}{31}$

2003

-4

2004

-5

1 head $\frac{9}{21}$

2005

-6

$\frac{9}{12}$

2006

-7

$\frac{9}{12}$

2007

-8

$\frac{9}{12}$

2008

203

2050	B4045B44-8-167, R-SBR x BR41 smooth zenith types vigor. 8/19 8/29	2009
	8/17 8/29 -2	2010
	8/31 -3 sl. later than 2. very good sm. hull row.	2011 <u>He</u>
	8/14 8/29 -4	2012
	8/18 -5	2013
	8/28 -6	2014
v. dry	8/22 9/11 -7	2015
v. dry	8/17 8/29 -8 Ripe on 9/10 seg Rough + smooth	2016

B4045B44-8-16-9, R.SBRx BR41

2017 8/21 8/31

2050

2018 8/21 8/31 -10

2019 8/21 9/1 -11

Zenith, Check

2020 Sels darker green mostly not (3) ZENITH
a tall as Zenith
8/25 9/3

B4045B44-8-16-12,

"

2021 8/17 8/27

2022 8/17 8/28 -13

2023 8/26 -14

2024 8/18 8/28 -15

2050 B4045 B44-8-16-16, R-SBR x BR41 2025
1st head 8/19 9/3

8/19 1st head 9/1 -17 2026

2050 8/21 9/1 -18 2027

2051 B4045 B44-8-17-1, " 2028
8/18 8/27

8/18 8/28 -2 2029

8/17 8/26 -3 2030

8/17 8/26 -4 2031

8/22 8/31 -5 2032

A = Pet
B = Bulb

unmated yr

Prun year

84045B44-8-17-6, R.SBR x BR4

2033 $\frac{8}{17}$ $\frac{8}{27}$

2051

2034 $\frac{8}{18}$ $\frac{8}{27}$ -7 ✓

2035 $\frac{8}{14}$ $\frac{8}{28}$ -8 ✓

2036 $\frac{8}{17}$ $\frac{8}{27}$ -9 ✓

2037 $\frac{8}{17}$ $\frac{8}{27}$ -10 ✓

2038 $\frac{8}{17}$ $\frac{8}{27}$ -11 ✓

2039 $\frac{8}{16}$ $\frac{8}{27}$ -12 ✓

Early Prokfic, Chock

2040 $\frac{9}{12}$ $\frac{9}{12}$

(5) E.P.

051 B4045B44-8-17-13, R-SBR x BR41 2041

✓ 8/19 8/28 -14 2042

✓ 8/17 8/27 -15 2043
all smooth Hv

✓ 8/18 8/28 -16 2044

051 8/21 8/28 -17 2045

053 B4045B44-8-19-1, " 2046
8/23 9/3

✓ 8/23 9/3 -2 2047

✓ 8/22 -3 2048

84045844-8-19-4, R-SBRx BR41

2049 8/28

2053

2050 8/26

-5

✓

2051 8/24 9/3

-6

✓

2052 8/27

-7

✓

2053 8/27

-8

2053

F5- B427A1-6/HSM BR-BR41X 8323

2054 very tall

8/18 8/29

2201

2055 -2 8/18 8/28

2056 -3 8/26 9/4

F5 B437A 1-6-1-4, Sm BR-BP41x 8323

201

8/26 9/5

2057

8/25 9/45

2058

8/26 9/46

2059

Zenith (3)

Zenith, Check

8/26 9/4

2060

F5 B437A 1-6-1-7,

8/24 9/4

"

2061

8/23 - 8/2

2062

8/22 - 9/2

2063

8/28 - 10 9/2

2064

F5- B437A1-6-1-11, SM.BR-BR4/x 8223

2065 8/26 8/4

2201

8/22 8/29 -12

2066

1/4

8/22 8/30 -13

2067

8/22 8/29 -14

2068

8/22 8/30 -15

2069

8/22 8/31 -16

2070

2201

F5- B437A1-6-2-1

"

2071 8/24 9/4

2202 to

8/22 9/2 -2

2072

F5 B437A1-6-2-3, Sm.BR-BR41 x8323

20270108/22 8/30

2073

8/22 8/30 -4

2074

8/23 9/3 -5

2075

8/25 9/4 -6

2076

8/22 8/31 -7

2077

8/22 8/31 -8

2078

8/23 9/3 -9

2079

Magnolia, Check

29. (H) 8/28

2080

1st Jull

F5 B437A1-6-2-10, SM.BR-BR41 x 8323

2081

8/22 8/31

RROR To

2082

8/23 8/31 -11

2083

8/25 9/3 -12

RROR To

F5 B437A1-7-1,

2084

8/25 9/2

"

RR11 To

2085

8/25 9/1-2

2086

8/25 9/1-3

2087

8/25 9/3 -4

2088

8/24 9/2-5

1st Jull

F5 B437A1-7-6, SM.BR-BR41 x 8323

211 To 16 8/27 9/4

2089

8/24 9/3 -7

2090

8/24 9/2 -8

2031

8/26 9/4 -9

2092

8/28 9/5 -10

211 To 16

2033

F5 B437A1-12-1-1,

"

219 To 32 8/28 9/5

2094

8/28 9/5 -2

2095

8/28 9/5 -3

2096

F5 B437A1-12-1-4, S.M.BR-BR41 x 8323
2097 8/28 9/5 22/9 F

2098 8/28 9/5 -5

2099 8/31 -6

2100 C6-250-121, check
8/28 9/6

(7) C6-23

F5 B437A1-12-1-7,
2101 8/28 9/6

11

2102 8/28 9/7 -8

2103 8/28 9/6 -9

2104 8/28 9/7 -10

F5 B437A1-12-1-11, SM.BR-BR41 x8323

2197032

8/28

2105

8/29 -12

2106

8/27 -13

2107

8/29 -14

2197032

2108

F5-B437A1-17-1-1,

2337036 8/28

"

2109

8/26 -2

2110

8/26⁹/₅ -3

2111

8/26⁹/₄ -4

2112

F5 B427A1-17-1-5, S.M. BK-BK41 x 8323
 2113 8/26 9/4 22337

2114 8/26 9/4 -6

2115 8/26 9/5 -7

2116 8/24 9/3 -8

2117 8/26 9/3 -9

2118 8/24 9/3 -10

2119 8/24 9/3 -11

2120 Zenith, Check
 less darker green but as tall
 as Zenith on 8/6
 8/31 (3)ZENIT

mostly opposite to
 more looking for

F5 B437A1-17-1-12, SM.BR-BR41 x8323
2233 TO 36 8/26 9/4

2121

8/27 9/5-13

2122

8/25 9/3-14
2233 TO 36

2123

F5 B437A1-19-1-1,
237 TO 41 8/26 9/4

"

2124

8/26 9/5-2

2125

8/28 9/4-3

2126

8/28 9/4-4
2237 TO 41

2127

F5-B437A1-23-1-1,
242 TO 43 8/26 9/4

"

2128

F5 - B437A1-23-1-2, SM.BR-BR41 x 8323
2129 8/26 9/5 2242

2130 8/25 9/4 -2

F5 - B437A1-25-4-1, " 2244
2131 8/28

2132 8/28 -2

2133 8/29 -3

2134 8/31 -4

2135 8/31 -5 2244

F5 - B4310A1-3-1-1, SM.BR-BR41 x BR41-EP
2136 9/31 2249

✓ Zentholt, good gun type
Possibly Subst for all in A-100

F5 - B4310A1-3-1-2, SM.BR-BR41 x BR41-EP
 249 TO 58 8/31 2137

8/31 -3 2138

8/28 9/1-4 2139

Early Prolific, check
 9/1 2140
 5) E.P.

F5 B4310A1-3-1-5, " 2141
 9/1

9/1 -6 2142

9/1 -7 2143

9/1 -8 2144

F5-B4310A1-3-1-9, SM.BR-BR41 x BR41-EP

2145

9/1

22A9 To 58

must better than others

2146

8/31

-10

2147

9/1

-11

2148

9/1

-12

2149

8/31

-13

2150

5/30

-14

22A9 To 3

F5-B4310A1-8-1-1,

2151

9/3

"

22A63461

2152

7/3

-2,

F5- B4310A1-8-1-2, Sm.BR-BR41 x BR41-EP
 263464 9/3 2153

9/3 -3, 2154

-4. 2155

-5 2156

263464

F5- B4310A1-20-1-1, " 2157
 30A To 15 9/3

9/2 -2 2158

9/3 -3 2159

B4310A1-20 check. 2160
 47) 8/28

F5 - B4310A1-20-1-4, SM.BR-BR41xBR41-EP

2161^{9/1}

23DA T610

2162^{9/3}

-5

2163^{9/3}

-6

2164^{9/2}

-7

2165^{9/2}

-8

2166^{9/3}

-9

2167^{9/3}

-10

23DA T610

F5 - B4310A1-23-1-1,
2168^{9/3}

"

2316 T02

F5-B4210A1-23-1-2, SM.BR-BR41 x BR41-EP

2316 To BR 9/3

2169

9/3

-3

2170

9/3

-4

2171

-5

2172

-6

2173

9/3

-7

2174

9/3

-8

2175

-9

2176

F5 - B4310A1-23-1-10, SM.BR-BR41 x BR41-EP

2177

23/4 TOR

2178 $\frac{9}{1}$

-11

2179 $\frac{9}{2}$

-12

23/4 TOR

2180 Zenith check $\frac{9}{2}$

(3) Zenith

F5 - B4310A1-29-1-1,

2181 $\frac{9}{2}$

"

23/3 TOR

2182 $\frac{9}{1}$

-2,

2183 $\frac{9}{1}$

-3,

2184

-4,

F5-B4310A1-29-1-5, SM.BR-BR41 x BR41-EP
 2323 To 32 2185

-6

2186

-7

2187

-8

2188

F5-B4310A1-25-1-1, " 2189
 333 To 38⁸/₃₀

9/31

-2

2190

9/1

-3

2191

9/1

-4

2192

F5-B4310A1-25-1-5, SM.BR-BR41xBR41-EP
2193^{9/2} 2333 To 38

2194^{9/3} -6 2333 To 38

F5-B4310A1-29-1-9, " 2339
2195^{8/31}

2196^{9/1} -10 2339

2197^{8/30} -11 2341 To 44

2198^{9/1} -12

2199 -13

2200 Early Protrfic, check (5) E.P.

F5-
341 TO 44 B4310A1-29-1-14, SM.BR-BR41xBR41-EP
8/22 8/29 2201

8/23 9/3 -15 2202

8/24 9/3 -16 2203

Very good grain type, excellent
EP type Subl for A1-20 line, H

8/24 9/3 -17 2204

8/25 9/4 -18 2205

341 TO 44

~~Very much like 2203~~
~~Possibly still better grain~~

F5-B4310A4-191-1, " 2206

345 TO 48

8/22 8/29

Very much like 2203
Possibly still better grain

8/25 9/4 -2 2207

8/25 9/5 -3 2208

Same as 2206 H

Has a very good grain
better than A1-20
very good BR grain
advance.

F5 - B4310A4-19-1-4, Sm.BR-BR41 x BR41-EP
2209 $\frac{8}{23} \frac{9}{5}$ 2345TD43

Hu

all very much alike

2210 $\frac{8}{22} \frac{9}{30}$

Hu

2211 $\frac{8}{23} \frac{9}{4}$

Hu

2345TD43

F5 - B4311A1-1-1, Sm.BR-BR41 x 8323-Z
2212 $\frac{8}{23} \frac{9}{5}$ 2350TD54

2213 $\frac{8}{23} \frac{9}{5}$

2214 $\frac{8}{23} \frac{9}{5}$

2215 $\frac{8}{19} \frac{8}{31}$

2216 $\frac{8}{26}$

F5 - B4310A1-1-6, SM.BR-BR41 x B323 = 2
 350 7056 8/29

2217

8/28 -7

2218

Sw

8/22 8/29-8

2219

(47) B4310A1-20, Check
 8/26 9/3

2220

F5 - B4311A1-1-9,
 8/21-8/28

"

2221

350 7056 8/24 9/4-10

2222

F5 - B4311A1-1-11
 359

2223

-12

2224

8323-2
F5-B431/A1-1-13, S.M.BR-BR41x~~8241~~

2225

2359

-14

2226

2359

F5-B431/A1-37-1, 8/29

"

2227

2370

-2 8/28

2228

-3 8/28

2229

-4 8/27 9/5

2230

-5 8/22 9/5

memo to brooklet.

2231

2370

F5-B431/A1-37-6, 8/29

2232

2373 To

F5 - B4311A1-37-7, SM.BR-BR41 x 8323-Z

23737077 9/1

2233

Too broad & too flat

8/22 9/1

-8

Seg ~~strong~~ ^{strong} & gold
from a well hybrid

2234

9/1

-9

2235

8/29

-10

fully gr. than most in the cross but too broad
an outstanding row, prob the best
in this cross

2236

Adm

good grain
v. short straw

Hh

-11

23737077

2237

4/24

-12

2379

2238

8/29 9/4

-13

2239

Zenith, check.

3) 2239 9/24

2240

F5-B4311A1-37-14, SM.BR-BR41-8323-Z

2241 ^{8/24}

2379

2242 ^{8/29} -15

2243 ^{8/29} -16

2244 ^{8/29} -17

2245 ^{8/29} -18

~~NW~~

2246 ^{8/29} -19

2379

2247 ^{8/29} -20

2383

2248 ^{8/27 9/4} -21

F5-B4311A1-37-22, SM.BR-BR41 x 8323-Z

2383 8/27 9/6

2249

Hu

8/28 9/6

-23

2250

8/26 9/6

-24

2251

8/28 9/6

-25

2252

8/28 9/6

-26

2383

2253

F5-B4311A2-9-1-1,

2387488

8/18 8/27

"

2254

8/18 8/27 & 2

2255

8/30 -3

2256

F5-B4311A2-9-1-4, SM.BR-BR41x8323-2
2257 8/19 8/26 23874

2258 8/23 9/4 -5

2259 8/19 8/26 -6
NW / adv. during prod each med. grain type. Butte grain type 4311A2
C6-250-121, Check.

2260 8/25 9/4 (7)

F5-B4311A2-9-1-4, "
2261 8/19 8/26

2262 8/19 8/30 -8

2263 8/19 8/26 -9 23874

F5-B4311A2-9-2-1
2264 8/30 2389

F5-B4311A2-9-2-2, SM.BR-BR41 x 8323-2
 389 8/30 2265

8/24 9/5 -3 2266

389 8/24 9/4 -4 2267

F5-B4311A2-9-3-1, " 2268
 390 8/18 8/26

8/18 8/26 -2 2269

8/19 9/4 -3 2270

8/22 9/3 -4 2271

390 8/22 9/4 -5 2272

F5-B431/A2-23-1-1, SM.BR-BR41 x 8323-2

2273

8/14 8/26

2392

Dr

2274

8/19 8/26

-2

2275

8/19 8/28

-3

2276

8/22 8/30

-4

2277

8/23 9/4

-5

Dr

2278

8/22 8/29

-6

extremely early and very unisexual tube
short straw, smooth rapid ripening tube
Zenith, very sturdy straw-
performance is quite varying if any

2392

F5-B431/A2-23-2-1,

"

229349

2279

8/23 9/4

gain too coarse
Sun 12 ht.

Zenith, check

2280

9/24 9/5

(3) ZENI

F5 - B431/A2-23-2-2, SM.BR-BR41 x 8323-2
 2293494 8/23 2281

8/22 9/2 -3 2282

8/24 -4 2283

8/25 -5 2284

22937094 8/23 -6 2285

F5 - B431/A2-27-1-1, 8/17 8/17 2286
 2395 TO 2414
 light gr color like Z on 8/6

-2 2287
 light gr color like Z on 8/6
 all A2-27 sele light gr (more or less)
 9/1

8/30 -3 2288

F5-B4311A2-27-1-4, SM.BR-BR41x8323-Z
2289 8/13 9/4 2395 TO 241

2290 9/4 -5 2395 TO 241

F5-B4311A2-27-2-1, " 2415
2291 8/12

2292 8/12 9/1 -2

2293 8/30 -3

2294 8/12 -4

2295 8/12 9/1 -5 2415

F5-B4311A2-35-1-1,
2296 9/4

Hy a rough hull
a full bean BR
typer, rough 2421 TO 32

F5-B4311A2-35-1-2, Sm.BR-BR41 x 8323-Z

421 to 32

2297

-3

2298

-4

2299

Has a very good BK grain type
much better than most 4311A2

Early Prolific, Check

5) E.P. 91,

2300

F5-4311A2-35-1-5,

need to
check a grain
sample

plung grain

Best of all lines for grain

-6

2301

421 to 32

2302

F5-B4311A3-11-1-1,

438 to 45 8/28

2303

8/26

-2

2304

F5-B431/A3-16-1-1, SM.BR-BR41 x 8323-Z

A57 T059

8/25 9/4

2313

8/26 9/3-2

2314

8/22 9/1-3

2315

8/26 9/4-4

2316

8/25 9/4-5

2317

8/28 - 6

2318

8/25 9/4-7

2319

A57 T059

C6-253-121, check

8/28

2320

F5 - B4311A3-18-1-1, SM. BR-BR41-8323-Z

2321 8/27 9/4

2463

2322 8/28 -2

2323 8/25 9/5 -3

2324 8/28 -4

2325 8/30 -5

2326 8/26 9/4 -6
Best for type
fuller than most

2327 8/24 9/3 -7

2328 8/27 9/5 -8

F5-B4211A3-18-1-9, SM BR-BR41 x 8323-72
 443 8/26 9/4 2329

9/1, -10
 443 2330

F5-B4211A3-18-2-1, "
 464 To 44 9/1, 2331

8/22 9/4 -2
 2332

8/30 -3
 2333

Possibly a little better than average, most are too late
 8/30 -4 2334

8/23 9/3 -5
 2335

8/23 9/3 -6
 2336

F5-B4311A3-18-2-7, SMBR-BR41 x 8323-2
2337 8/22 9/3 2464 To 6

2338 8/26 -8

2339 8/31 -9

B4310A1-20, Check
2340 8/28 (47)

F5-B4311A3-18-2-10, "

2341 8/27 9/5
grain to fillet + hood

2342 9/1 -11

2343 8/23 -12

2464 To 6

F5-B4311A3-18-3-1, "

2344 9/3

2464 To 6

F5-B431/A3-18-3-2, SM.BR-BR41 x 8323-Z

467 8/27

2345

8/27

-3

2346

8/28

-4

2347

9/1

-5

2348

9/1

-6

2349

F5-B431/A3-18-4-1,

468 8/22 9/1

"

2350

8/23 9/4

-2

2351

8/28

-3

2352

F5-B4311A3-18-4-4, SM.BR-BR41 x8323-2-
2353 $\frac{8}{28}$ $\frac{9}{6}$ 2468

2354 $\frac{8}{28}$ $\frac{9}{2}$ -5

2355 $\frac{8}{30}$ -6 $\frac{10}{8}$

2356 $\frac{8}{28}$ $\frac{9}{5}$ -7

2357 $\frac{8}{28}$ $\frac{9}{5}$ -8

F5-B4311A3-18-4-9
2358 $\frac{8}{23}$ $\frac{9}{2}$ 2468

F5-B4311A3-18-5-1,
2359 $\frac{8}{24}$ $\frac{9}{1}$ 2472

2360 Zenith, Check $\frac{8}{28}$ (3) Zenith

This line lodged badly
Zenith standing perfectly on

F5-B4311A3-18-5-2, SM.BK-BK41 x 8323-2
 2470 8/24 9/3 2361

8/25 9/4 -3 2362

8/24 9/2 -4 2363

8/26 9/3 -5 2364

8/22 9/1 -6 2365

8/24 9/4 -7 2366

2470 8/22 9/1 -8 2367

F5-B4311A3-18-6-1, " 2368
 2471 8/29

F5-B4311A3-18-6-2, SM.BR-BR41x8323-Z

2369 8/28

2471

2370 9/1

-3

2371 8/26 9/4

-4

2372 9/1

-5

2373 9/1

-6

2374 8/29

-7

2375 8/30

-8

2376 8/30

-9

*This line A3-18-6 did not
stand up
page*

F5 - B4311A3-18-6-10, SM.BR-BR41 x 8323-2
 2471 8/28 2377

F5 - B4311A3-18-7-1, " 2378
 2472 9/2

-2 2379

Early Prolific, Check 2380
 (5) E.P.

F5 - B4311A3-18-7-3, " 2381
 9/1

9/2 -4 2382

9/1 -5 2383

9/2 -6 2384
 2472

F5-B431/A3-18-7-7, SM.BR-BR41 x 8323-Z
2385^{9/2} 2473

2386^{9/2} -8

2387^{8/28} -9

2388^{8/28} -10

2389^{8/28} -11 2473

F5-B431/A3-23-1-1, " 2484
2390^{8/30}

2391^{8/28} -2

2392^{8/28} -3

F5-B4311A3-23-1-4, Sm.BR-BR41 x 8323-Z
2484 2393

9/1 -5 2394

9/1 -6 2395
2484

F5-B4311A3-42-5-1, " 2396
2491

-2 2397

9/4 -3 2398

9/3 -4 2399

7) C6-250-121, check 2400
9/3

F5-B4311A3-42-5-5, SM.BR-BR91 x 8323-2

2401 ^{9/1}

2A91

2402 ^{9/1}

-6

2A91

F5-B4318A5-12-7-1

2403 ^{8/31}

2A98

✓ Early threshed fuller than Zunit
V. good grain ~~Ypt~~ ~~rough~~ ~~sm~~

2404 not fert

-2

2405 not fert

-3

2406 not fert

-4

2407 ^{9/1}

-5

2A98

F5-B4356A1-~~27~~-1-1

2408 ^{8/22} ^{8/29}

2510 T015

F5-84256A1-27-1-2, 8326 x 8323-2
 2510 To 15 8/22 8/29

2409

8/17 8/29 -3

2410

8/22 8/29 -4

2411

8/22 8/29 -5

2412

8/19 8/31 -6

2413

8/21 8/29 -7

2414

8/21 8/28 -8

2415

8/21 8/28 -9

2416

F5 B4356A1-27-1-10, 8326x8323-2
2417 8/25 2510 TD 15

F5- B4311A3-18-8-1, SM.BR+BR41x8323-1
2418 8/21 8/31 2A7A

2419 8/22 9/1 -2

B4310A1-20, Check
2420 8/25 9/4 (A7)

~~B4311A3-18-8-3,~~
2421 B4311A3-18-8-3,
8/21 8/29 "

2422 8/22 8/29 -4

2423 8/23 9/3 -5 2A7A

F5-B4356A1-22-1-1, 8326x8323-2
2424 8/21 8/21 2523 To 3

A18 10 x many good lines

F5-B4356A1-32-1-2, 8326x8323-7
 2523 TO 30 8/22/30 2425

8/21/30

-3

2426

8/21/30

-4

2427

8/21/29

-5

2428

8/21/28

-6

2429

8/17 8/20

-7

2430

Rough hulls

th

8/22 9/1

-8

2431

8/23 9/3

-9

2432

F5-B4356A1-32-1-10, 8326 x 8323-Z
2433 $\frac{8}{17}$ $\frac{8}{21}$ 2523 To 30

2434 $\frac{8}{17}$ $\frac{8}{29}$ -11

2435 $\frac{8}{14}$ $\frac{8}{25}$ -12

2436 $\frac{8}{14}$ $\frac{8}{26}$ -13

2437 $\frac{8}{21}$ $\frac{8}{28}$ -14

2438 $\frac{8}{23}$ $\frac{9}{3}$ -15

2439 $\frac{8}{22}$ $\frac{9}{3}$ -16

2440 Zenith, check

Better q. than most seen on 8/6
 $\frac{8}{26}$ $\frac{9}{4}$

(3) ZENITH

F5- B4356A1-32-1-17, 8326 x 8323-Z
 5R3T03D 8/2 8/29 2441

5R3T03D 8/17 8/29 -18, 2442

Rogue TPxR-SBR
 F1 IN 256R 8/2 2443

" 8/19 Possibly say 2444

" 8/21
 F1 IN 256R 2445

B44-2647-3-1-1-1, Null Medium
 2611 9/2 2446

9/1 -2 2447

8/26 -3 2448

83
B44-2647-3-1-1-~~4~~ . 1/2 L Medium
2449 ^{8/26} 2411

B44-2647-3-1-2-1
2450 ^{9/1} 2412

2451 ^{9/2} -2

2452 -3

2453 ^{8/28} -4 2412

2454 3-1 2413

2455 ^{8/31} 3-2
Hr

2456 ^{9/2} 3-3

2613 ^{9/1} B44-2647-3-1-3-4, Hill Medium 2457

2613 -5

2458

2614 -4-1

2459

Early Prolific, check

2614 E.P. much taller than Hill's on 8/6
8/26 9/4

2460

B44-2647-3-1-4-2,
8/31

"

2461

9/2

-3

2462

2614 9/3

-4

2463

0

2615 -5-1,

"

2464

B44-2647-3-1-5-2, Hill Medium

2465^{8/2}

2615

2466

-3

2467^{8/26}

-4

2615

2468^{8/26}

6-1,

"

2614

2469

-2

2470^{8/28}

-3

2471^{8/29}

-4

2614

B45-15-1-1-1, Hill Medium

2472 very tall on 8/6 ^{8/21}

2651

many good 2 types
Rough + Smooth

B 45-15-1-1-2, Hill Medium

454 Tail on 8/6 8/24 9/4

2473

8/22 9/1-3

2474

8/22 9/1-4

2475

8/28 9/5-5

2476

8/20 9/6

2477

8/26 -7

2478

B 45-15-1-2-1,

"

2479

C6-250-121, Check

2480

B45-15-1-2-2, Hill Medium

2481 8/22 8/30

2455

2482 8/22 9/1 -3

2483 9/2 -4

2484 9/3 -5

2485 9/2 -6

2486 8/23 9/3 -7

11

2487 8/21 9/1 -8

2488 8/20 9/3 -9

655 B45-15-1-2-10, Hill Medium 2489

654 B45-15-1-3-1, " 2490

Hand reg growth on 8/6

8/28 -2 2491

8/28 -3 2492

654 -4 8/21 9/3 2493

657 B45-15-1-4-1 8/26 9/3 2494

-2 8/23 9/5 2495

-3 8/28 9/5 2496

✓ good L now

2497 $\frac{8}{28}$ $\frac{9}{15}$ B45-15-1-4-4, Hill Medium. 2457
V good Z types

2498 $\frac{8}{26}$ $\frac{9}{15}$ B45-15-1-5-1, 2458

2499 $\frac{8}{30}$ -2,

2500 $\frac{8}{28}$ $\frac{9}{14}$ B4310 A1-20, Chack (A7)

2501 $\frac{8}{28}$ $\frac{9}{14}$ B45-15-1-5-3, "

2502 $\frac{8}{28}$ $\frac{9}{14}$ -4

2503 $\frac{8}{28}$ -5

2504 $\frac{8}{31}$ -6 2458

659 8/28 B45-15-1-6-1, Hill Med 2505

8/24 -2 2506

8/24 -2 2507

8/24 9/4 -4 2508

longer grain than others
drying look faster, may be earlier

659 8/28 -5 2509

661 8/24 B45-15-1-7-1 2510

8/31 -2 2511

Straw-hulled Hill Med. Taller
+ longer grain all smooth / Ju

8/31 -2 2512

B45-151-7-4, Hill Med

2513 8/28

2641

2514 9/3

-5

2515 8/24 9/4

-6

2516 8/24 9/4

-7

a smooth row with a rough
Seg. which was used,

2517 8/31

-7

2641

2518 B45-151-8-1 8/31

excellent Zenith type 2642

2519 8/25

-2

2520 8/31

-3

(3) Zenith

642	B45-15-1-8-4-H/M/ Med	8/31	2521
	very tall 1 high on 8/6		
	8/24 9/4	-5	2522
	8/28 9/6	-6	2523
	gold, hulled type Prob 1 M V. leaf. Rather tall grain at leaf, as long as beneath		2523
	8/22 9/29	-7	2524
	8/23 9/3	-8	2525
	straw hulled, a bit longer grain than 2523 in some places		
	8/23 9/3	-9	2526
	8/27	-10	2527
644	B45-15-1-10-1	"	2528
	8/30		

B45-15-1-10-2, H. 11 Med.

2529

2447

B45-15-1-12-1

2530

9/3

2444

8/28

-2

2531

8/22

-3

2532

8/22

-4

2533

-5

2534

wide beak tail

lighter color and 8/6

2444

1/2

8/22

9/3

short stout
stem bulb

Same for a Sm 2 bulb
type full of them most

B45-15-1-13-1

2535

2447

9/3

-2

2536

B45-15-1-13-3, Hill Med
 2537
 gold hull med-gr type
 full grain longer than original Hu
 9/1 -4 2538

9/1 -5 2539

Early Prolific, Check
 1/25 9/4 (5) E.P. 2540

B45-15-1-13-6, Hill Med
 9/30 2541

-7 2542
 very tall, very good, light color on 8/6
 taller than Ep 8/29 -9/7 Uni maturity

9/13 -8 2543

-9 2544

2545 ^{B45-15-1-13-10, H. 11 Med}
^{8/31}

2667

2546 ^{9/3} - 11

2547 ^{9/4} - 12

2667

2548 ^{B45-15-4-1, " "}
^{9/1}

2751 to 67

2549 ^{8/25} - 2

2550 ^{9/25} - 3

^{1/2} One of the very best Z types
strong pencils U.S. good
best for grain shape & length.
^{8/26}

2551 - 4

2552 ^{9/26} - 5

B45-15-4-6, Hill Medium
 2751 To 62 $\frac{9}{2}$ 2553

$\frac{9}{2}$ -7
 Similar to 2550
 good
 -8 2554
 Hu

leaving on 10/22
 30-9/9 -9
 immaturity, mushy
 Same as 2550, except possibly sl
 longer & better grain type
 Fairly easy to thresh
 $\frac{9}{2}$ -10 2556
 Hu

2751 To 62 $\frac{8}{26}$ -11 2558

B45-15-5-1
 2781 To 85 $\frac{8}{25}$ $\frac{9}{4}$ 2559

(7) C6-250-121, check
 $\frac{9}{28}$ $\frac{9}{6}$ 2560

2561 B45-15-5-2, H. 11 Medium
8/24 9/3

2781 T685

2562 -3

2781 T685

2563 B45-15-5-4,
8/30 Good zenith Types 2781

2564 8/28
V, tall zenith type

-5

2565 9/3 -6

2566 8/28 -7

2567 8/29 -8

2568 8/26 9/5 -9

2781 B45-15-5-10, H.11 Medium 2569
^{8/26 9/3}
 V. good gold hull 2 type Mr
 Sh. longer gr. than 2 v good
^{8/25 9/4}
 2765 To 79 2570

B45-15-~~#~~5X-1 " 2571
^{8/27}

^{9/1} -2 2572

^{9/1} -3 2573

^{8/27} -4 2574

^{9/1} -5 2575

-6 2576

B45-15*-X-7, Hill Medium

2577

2765 To 79

2578

8/26

-8

2579

9/2

-9

B43/DA1-20, SM BR-BR41 x EP-BR41
Check (A7)

2580

9/2

2581

B45-15-X-10, Hill Medium

2582

-11

2765 To 79

2583

Hill Medium Sel

2815 To A8

2584

9/1, "

Hill Medium Sel
2815 TO 48

2585

8/26

"

2586

9/2

"

2587

"

2588

"

2589

"

2590

"

2591

"

2592

2593 Hill Medium Sel

2815 To 48

2594 "

2595 "

2596 "

2597 "

2598 9/1 "

2599 "

2600 Zenith, Check

(3) Zenith

28157048 8/21 Hill Medium Bel. 2601

8507058 B46-4938-1, Hill Medium 2602

Ho

-2

2603

-3

2604

-4

2605

-5

8507058 2606

908 B46-4937-4-1, " 2607
8/22

9/3 -2

2608

B46-4937-14-3, Hill Med.

2609

7/3

2908

-4

2610

7/2

-5

2611

7/3

-6

2612

7/3

-7

2613

7/3

-8

2614

8/26

-9

2615

8/27

-10

2616

908 B46-4937-14-11, Hill Medium 8/26 2617

908 8/28 -12 2618

937 B47-4937-1, Karang-Serang 8/29 2619

DEP Early Prolific, Check 8/28 2620

B47-4937-2, Karang-serang 8/25 9/4 2621
 20 typical growth. 1/50
 8/25 9/4 2622

8/25 9/5 2623

937 8/25 -5 2624

B423 B44-5-1, BR41-EP x K-7143

2625 ^{8/25}

207

2626 ^{8/28}

-2

2627 ^{8/27}

-3

2628 ^{8/27}

-4

2629 ^{8/27}

-5

2630 ^{8/27}

-6

2631 ^{8/30}

-7

2632 ^{9/1}

-8

B423B44-5-9, BR41-EPx K-7/43

207

8/29

2633

8/31

-10

2634

8/31

-11

2635

8/31

-12

2636

8/29

9/20-13

2637

8/29

-14

2638

8/28

-15

2639

C6-250-121 Check.

7)

8/25 7/4

2640

are highly productive & of good mix of
rough quality but having an
still very green.

2641 ^{8/28} B423 B44-5-16, BR41-EPx K-7143 207

2642 ^{8/25} -17

2643 ^{9/1} -18

2644 ^{8/30} -19

2645 ^{8/31} -20

2646 ^{9/1} -21

2647 ^{8/31} -22

2648 ^{9/31} -23

✓ Excellent straw hulled Patro
9 Prob BBT met or earlier

07 B423 B44-5-24, BR41-EP x R-7/43 2649
8/25-9/4

04 CF-5309, Sel. 2650

35 Hyb Mix-8-47-1, TP and R x R-SBR 2651

2652

2653

2654

2655

2656

Are taller types than 11-1-8
Very little data in most from
seed parcels from log of type only
that are CP resistant.

-2

-3

-4

-5

-6

2657 Hyb Mix-8-47-7, TP+R x R-SBR 535

2658 -8

2659 -9

2660 B4310A1-20, Check 8/25 9/4

(47)

2661 Hyb Mix-8-47-10, "
 ✓ constant earlier than BBT
 fuller shorter grain than Patna

2662 -11

2663 ~~constant~~ one of the better Patna
 ✓ types earlier than BBT
 Tackler than A1-1-8. V good

2664 -13

535

all types / honest

P.2 ^{8/30} Zimuth 2665

8/25 9/3

2666

P.2 8/25 9/4 2667

P.3 Fortuna 2668

2669

2670

P.4 Shoemed 2671

2672

2673 ^{8/29}

U.P. 4

2674 ^{8/29}

U.P. 7

2675 ^{9/1}

2676 ^{9/1}

2677 ^{9/2} R. L. Gopher

U.P. 8

2678 ^{8/30}

2679 ^{9/3} off type

2680 ^{8/30} ~~E. Gopher~~
E. Gopher

U.P. 9

P.9

8/31

2681

8/31

2682

P.10

E. gopher
9/3

2683

9/3

2684

9/3

2685

P.11

Pen. gopher

2686

9/4

2687

2688

2689

9/2

Pen. Gopher

VP. 12

2690

8/31

2691

9/3

2692

Honduras

VP. 13

2693

2694

2695

Carolina gold.

VP. 14

2696

9/2

P. 14

2697

P. 15

PR 147

2698

9/3

2699

2700

P. 16

PR-304

8/29

2701

9/3

2702

8/29

2703

P. 17

✓ PR 325

9/2

gold

2704

2705 ^{9/2}

VP. 17

2706 ^{9/2}

2707 ^{9/2}

PR-358

VP. 18

~~2708 ^{9/2}~~

2709 ^{9/3}

2710 ^{9/3}

PR-388

VP. 19

~~2711 ^{8/30}~~

2712 ^{8/30}

220 PR 403 ^{8/31}

2713

✓

2714

9/3

2715

221 ^{9/3} PR 416

2716

9/3

✓

2717

2718

222 ^{9/3} PR 482

2719

✓ ^{9/3} ~~2720~~

2720

2721 ^{9/2}

VP.22

2722 CF-461

VP.23

✓
2723

2724 ^{9/3}

2725 RD-218

VP.24

✓
2726

2727

2728 SD-144

VP.25

✓

P.25

2729

9/2

2730

P.26

H-32

2731

2732

2733

P.27

C-4

2734

8/31

2735

8/29

2736

listed as an Upland

2737 Shrimed Selections for 239
Upland group.

2738 ✓

2739

starts Long-grain group
Bluebonnet, Check

2740 19

2741 B403/A1-1-1-2-1-1, TPxR.SBR Inc
8/28 2546

2742 8/28

2743 9/2

2744

44 B403/A1-1-1-2-1-1, TPx P.SBR, Inc 8/28 2745

8/28 -2

2746

-3

2747

7/3 -4

2748

7/2 -5

2749

-6

2750

-7

2751

-8

2752

B403/A1-1-1-2-1-1, TPxR-SBR, Incr.

2753 ^{8/27}

25A6

2754

2755 ^{8/27}

2756

2757 ^{8/29}

2758 ^{9/2}

2759

B403/A1-2-3, Check

2760 ^{8/29}

22

B403/A1-1-1-2-1-1, TPxR-SBR, Incr.

2761

2762

B403/A1-1-1-2-1-2,
~~B403/A1-1-1~~ "

2763

2764

2765

2766

2767

2768

B403/A1-1-1-2-1-2, TPxR-SBR, Incr

2547

2769

2770

-3

2771

-4

2772

-5

2773

-6

2774

2775

9/2

2776

9/30

547 B403/A1-1-1-2-1-2, TPx R-SBR, Incr. 2777

2778

2779

25 H. 11 Patna, check.

2780

2781

2782

2783

2784

2785

B403/A1-1-1-2-1-2, TPxR-SBR, Incr.

2547

2786

2787

2788

2789

2790

B403/A1-1-1-2-1-3,

8/29

"

2548

2791

8/29

2792

8/29

B4031A1-1-1-2-1-3, TPxR-SBP, Incr.

548 8/31

2793

9/1

2794

9/1

2795

9/1

2796

9/1

2797

9/1

2798

9/1

2799

Remark, check.

24 9/1

2800

2801 - 3000, all punched,

2801 B403/A1-1-1-2-1-3, TPxR-SBR, Incr 2548

2802

2803

2804

2805

2806

2807

2808

548 B403/A1-1-1-2-1-3, TP+R.SBR, Inch
2809

1
T
1

2810

-5

2811

-6

2812

-7

2813

-8

2814

-9

many strike types

2815

2816

2817 B403/A1-1-1-2-1-3, TPxR.SBR, Incr 2548

2818 B403/A1-1-1-2-1-⁶~~2~~ -1 " 2549

2819 ~

2820 B403/A1-24-1-2, Check: 28

2821 3

2822 4

2823 Best.
Very Uniform heading + growth
one of earliest

2824 6

⁶
B403/A1-1-1-2-1-~~4~~, TPR. SBR, Incr

549

7

2825

⁻⁸
Bust

2826

An

2827

2828

2829

2830

2831

2832

2833

B4031A1-1-1-2-1-4, TPxR-SBR, Inct.

2549

2834

2835

2836

2837

2838

2839

2840

B4031A1-18 check.

31

B403/A1-1-1-2-1-4, TPR-SBR, Incr.

2841

2842

2843

2844

B403/A1-1-1-2-1-5-1

"

2845

2

2846

3

2847

4

2848

One of the very
Best, on 10/22

B403/A1-1-1-2-1-5, -SPxR-SBR, Incr.

255D

2849

2850

6

2851

7

2852

8

2853

9

2854

10

2855

11

2856

12

~~Mr. Best~~

550

B403/A1-1-1-2-1-S, TPxR-SBR, Incr.

2857

2858

2859

Bluebonnet, check.

2860

2861

2862

2863

2864

2865 B403/A1-1-1-2-1⁵, TPxR-SBR, Inct 255D

2866

2867

2868

2869 B403/A1-1-1-2-1-⁴~~6~~, -1 " 2551

2870 -2

2871 -3

2872 -4

⁴⁻⁵
 B403/A1-1-1-2-1-~~6~~⁵TPxR-SBR- Incr. 2873

-6

2874

-7

2875

-8

2876

-9

2877

-10

2878

-11

2879

9 Bluebonnet, Check.

2880

⁴
B403/A1-1-1-2-1-2, P x R-SBR, Incr.

2881

2551

2882

13

2883

-14

2884

-15

Has late plants

2885

= 16

2886

17

Pr

Best

2887

18

2888

19

4-20

B403/A1-1-1-2-1-~~6~~, TPxR-SBR, Inscr.

551

2889

-21

2890

-22

2891

-23

2892

B403/A1-1-1-2-1-~~3~~

"

552

2893

235

Continued

2894

2895

2896

B403/A1-1-1-2-1-7, TPxR-SBR, Incr.

2897

2552

2898

B403/A1-3-3, check.

2899

2900

22

2901

2902

2903

2904

B403/A1-1-1-2-1-7, TPxR-SBR, Inct.

52

2905

2906

2907

2908

2909

2910

2911

2912

B403/A1-1-1-2-1-7, TPxR-SBR, Incr.

2913

255

2914

2915

2916

2917

standing very well
one of later kind (probably)

B403/A1-1-1-2-1-8,

2918

"

255

2919

2920

Hill Patna, check.

25

B403/A1-1-1-2-1-8, TPxR-SBR, Inct

53

2921

2922

2923

2924

2925

2926

2927

2928

B403/A1-1-1-2-1-8, TPxR-SBR, Inct

2929

2553

2930

2931

2932

2933

2934

2935

2936

B403/A1-1-1-2-1-8 TPxR-SBR, Incr
2937

Century 236

2938

2939

Remark check

2940

8-4, Best

2941

Hn

2942

2943

2944

2945

B403/A1-1-1-2-1-8, TPxR-SBR, Inct

2553

2946

B403/A1-1-1-2-1-9,

"

2554

2947

2948

2949

2950

2951

2952

More lodging in two
less than in others, may be
due to degree of openness on 10/22

554

B403/A1-1-1-2-1-9, TPxR-SBR, Inct

8/29

2953

2954

8/29

2955

2956

2957

2958

8/30

2959

28

B403/A1-24-1-2, check

2960

B403/A1-1-1-2-1-9, TPxR-SBR, Incr

2961

2554

2962 ^{8/29}

2963

2964

2965

2966

2967

2968

554

B403/A1-1-1-2-1-9, TPxR-SBR, Incr
2969

8/28

Century 237

2970

2971

2972

2973

555

B403/A1-1-1-2-1-10, " 2974

2975

2976

Super straw floor
47 2554

2977

B403/A1-1-1-2-1-10, TP & R-SBR, Incr.

2555

2978

2979

B403/A1-1-1-8, Check

2980

31

2981

2982

2983

2984

B403/A1-1-1-2-1-10, TPxR-SBR, IncA

555

2985

Century 238

2986

2987

2988

2989

2990

2991

2992

B403/A1-1-1-2-1-10, TPxR-SBR, Inct.

2993

2555

2994

2995

2996

2997

2998

2999

Bluebonnet, Check

3000

19

Invested 3001 to 3051

63

556

B403/A1-1-1-2-1-10, TP-R-SBR, Incr.

3001

One of each not standing as well

as some on 10/22

8/27

8/27

8/27

8/30

8/27

8/27

8/27

Century 239

3002

3003

3004

3005

3006

3007

3008

B403/A1-1-1-2-1-10, TPxR-SBR, Inct.

3009 ^{8/29}

2554

3010 ^{8/30}

3011

3012 ^{8/30}

3013 ^{8/29}

3014 ^{8/29}

3015 ^{8/28}

3016

556

B403/A1-1-1-2-1-11, TPxR-SBR, Inct.

8/31

3017

8/31

3018

8/31

3019

B403/A1-3-3, Check.

8/28

3020

8/28

3021

8/30

3022

8/28

3023

3024

3025 ^{8/29} B403/A1-1-1-2-1-11, TP, R-SBR, Incr 2556

3026

3027 B403/A1-1-1-2-1-12, .. 2557

3028

3029

3030

3031

3032

*Red. later than 2556 and
standing much better*

Can turn 2 to

B403/A1-1-1-2-1-12, TP, R-SBK, Inct.

3033

3034

3035

3036

3037

3038

3039

5 Hill Patna

3040

B403/A1-1-1-2-1-12, TPxR-SBR

3041

2557

3042

3043

3044

3045

3046

3047

3048

B403/A1-1-1-2-1-12, TPxR-SBR, Incr

557

3049

fu

3050

fu

3051

fu

B403/A1-1-1-2, TPxR-SBR, Incr

1 same as

219

(mer)

3052

3053

3054

3055

3056

B403/A1-1-1-2, TP-R-SBR, Incr

3057

Same as
219
(Incr)

3058

3059

3060 Remark. Check

24

3061

3062

3063

3064

B403/A1-1-1-2, TPxR-SBR, Inct

3mc as
219
(101)

3065

3066

3067

3068

Lang gr type

3069

Ha

3070

3071

3072

B4031A1-1-1-2, TP, R-SBF, Incr

same as
219
(INC)

3073

3074

3075

3076

3077

3078

3079

B4031A1-24-1-2, check

3080

28

meas B4031A1-1-1-2, TPxR-SBR, Incl
 219
 NCT)

3081

3082

Long grain type

3083

Hn

3084

3085

3086

3087

3088

3089

B403/A1-1-1-2, TPxR-SBR, Inct

same as
219
(Inct)

3090

Hr

B403/A1-1-1-1, TPxR-SBR.

3091

223

3092

-2

3093

-3

3094

-4

3095

-5

3096

Hr

⁻¹⁰ very good early Patina type

few tip alone on most plants

23 B403/A1-1-11, TPxR-SBR

3097

3098

3099

B403/A1-1-8, check
8/31

3100

25 B403/A1-1-5, TPxR-SBR

3101

"

3102

559 B403/A1-1-8-4-2-1 TPxR-SBR
8/21

3103

8/21

-2

long gr. type

3104

3105 ^{8/28} B403/A1-1-8-4-2-3, TPxR-SBR

2559

fuller than average
about as long as most

3106 B403/A1-1-8, check

47-3

3107 ^{8/28} B403/A1-1-8-4-3-1,

"

2561

fuller & shorter than average

3108 ^{8/29} -2

Same as 3105

3109 ^{8/28} -3

Same as 3105

3110 -4

Same as 3105

3111 ^{8/28} -5

Same as 3105

3112 -6

J

B403/A1-1-8-4-3-7, TPx R-SBR.

Same as 3105

3113

B403/A1-1-8-4-4-1

"

Sl. longer than 3105

3114

Sl. longer than 3105

3115

Sl. longer than 3105

3116

Sl. longer than 3105

3117

Longer and sl fuller than
3114, Def. longer ~~sl. fuller~~ than Rev

3118

Like 3105

3119

Bluebonnet, check.

3120

These sets are longer + show more
of the banana shape

B403/A1-1-8-4-4-7, TPxR-SBK

3121 ^{8/28}

2562 To 6A

Like 3105

3122 ^{8/27}

-8

much like 3118 v. long

3123 ^{8/27}

-9

Like 3114

3124 ^{8/26}

-10

~~mixed plants~~

3125

-11

~~mixed plant~~

3126 ^{8/27}

B403/A1-1-8-4-7-1~~2~~

"

Very long grain, sl banana shape
v. good

2601

3127 ^{8/28}

-2

like 3126

3128 ^{8/28}

-3

like 3126

601 B403/A1-1-8-4-¹⁵~~7~~-4, TP x R-SBR 3129
8/27

Like 3/26

8/26 ⁻⁵
Shorter than others
as long as Reor 3130

8/27 ⁻⁶
as long as 3/26 3131

⁻⁷
as long as 3/26 3132

⁻⁸
as long as 3/26 3133

⁻⁹
as long as 3/26 3134

⁻¹⁰
as long as 3/26 3135

602 B403/A1-1-8-4-8-1 " 3136

A long gr. type, harder as long as
3/26 but almost, longer than
3/05.

B403/A1-1-8-4-8-2, TP+R-SBR

3131 ^{8/29} Very good sl. gr type ²⁶⁰²
more sl. than others, v. long.

3138 ^{8/29} -3
like 3126

3139 ^{8/28} -4
like 3137,

3140 B403/A1-3-3, CK

22

3141 ^{8/28} -5
like 3137

3142 ^{8/29} -6
like 3105

3143 -7
like 3105

B403/A1-1-8-4-9-1,

"

3144 ²⁶⁰³
V. good sl. gr type fault, long
but hardly as long + full as 3126
V. slender, more like 3137

203 B403/A1-1-8-4-7-2, TPxR-SBR 9/30 3145

like 3/26

-3

like 3144

3146

-4

like 3144

3147

-5

like 3137

3148

-6

like 3/26

3149

-7

like 3105

3150

-8

like 3/26

3151

8/28

-9

like 3105

3152

3153 ^{8/29} B403/A1-1-8-4-9-10, TPxR-SBR

like 3/26

2603

3154 ^{8/31} B403/A1-1-8-4-14-1,

1 of the very best, very slender,
like 3/37

2608

3155 ^{8/28} -2

like 3/26

3156 ^{8/28} -3
like 3/37

3157 ^{8/29} -4
like 3/37

3158 -5
like 3/37

3159 -6
like 3/37

3160 Hill Patna, check.

25

One of the best lines
quite long & very slender
Prod the best?

B403/A1-1-8-4-14-7, TPxR-SBR

like 3137

3161

-8

like 3137

3162

-9

like 3137

3163

-10

like 3137

3164

B403/A1-1-8-4-~~7~~-1,

"

~~like 3137~~

3165

a.

-2

like 3137

3165

3166

-3

like 3137

3165

3167

-4

like 3165

3168

Ord. between 3126 & 3137
Very long grain

3169 ²B4031A1-1-8-4-~~5~~-5, TPxR-SBR
like 3/65 260

3170 ⁻⁶
like 3/65

3171 ⁻⁷
like 3/65

3172 ⁻⁸
like 3/65

3173 ⁻⁹
like 3/65

3174 B4031A1-3-3 Se 1475 TPxR-SBR
E. Long BAD31 A1-3
Late Row in hd. Row

3175 ⁻²

3176 ⁻³

47-4

B403/A1-3-3, Sel TPR-SBR

3177

E. Long B403/A1-3-3
late FOW in Hd. FOW Block

-5

3178

-6

3179

Rexant Check

3180

Somewhat very early
B403/A1-3-3 Sel by types between
Hd. FOW Block A1-3-3 & a rough
hulled type
almost mid-gr type present all gold
-8

3181

3182

-9

3183

shorter steeper than others
Very good fuel like original 7/10
-10

3184

3185

B4031 A1-3-3 Sel 47-
single row Hd. row Block

~~W~~

-12

3186

-13

3187

-14

3188

-15

3189

B4031 A1-20-2-5 Sel 47-1
TPxR-SBR

3190

Same as
34
(Inner)

-2

3191

-3

3192

~~24~~ 7-4

B403/A1-20-2-SB-1TPxR-SBR

3193

2me 23

3H

NCT

all appear much alike, Heavy
stems rather wide erect leaves,
a very long-grain type, no CO on

Ho

10/26, very little P.D, do not
stand like A 1-1-8, not as much
grain, more leafy, wider, 5
excellent straw type

3194

-6

3195

-7

3196

-8

3197

-9

3198

-10

3199

B403/A1-24-1-2, check

3200

28

all rows can be handled

47-11
B403/H1-20-2-5, Sel, TPxR-SBR

3201

same as

34

(INCT)

-12

3202

-13

3203

-14

3204

-15

3205

-16

3206

-17

3207

-18

3208

47-11

B403/A1-20-2-5, Bcl. TPxR-SBR

3mc as
3A
INCH)

3209

Very good and

Hr

-20

3210

-21

3211

-22

3212

-23

3213

-24

3214

-24

3215

Very good and

-26

3216

Sel 47-27

B403/A1-20-2-S, TPxR-SBR

3217

Same
342
(INC)

-28

3218

3219

straw huck, -29

for

Co

Patron grain type BBT mat

B403/A1-1-8, check.

3220

31

3221

-30

3222

-31

3223

-32

3224

4031 A1-1-4-5247-1

23

A mat Grass
gold + straw type

all smooth
very little CO

HDBI A1-1-4-5 Sel 47-2

3225

- 3

3226

- 4

3227

- 5

3228

- 6

3229

- 7

3230

Is prob BBT.

Prob shorter than BBT - 8
 CO resistant BBT type 31
 Very good

3231

Very long gr type, V grish show
 Tailers prob later than 3231
 Show bulls. good

3232

3233

403/A1-1-4-5047-10

3234 Short stem, stork pupa ⁻¹¹
gold mid g. length.
Earlier than BBT to Co

3235

-12

3236

-13

3237

^{Sc147-1}
B403/A1-8-3, 1 TP & R-SBR,

222

3238

Have exceptionally sturdy
stem, appear immune to
Co. Upright flag.
Rather short stem & good
some winter in field
among select
grass. Rather short
Selected for largest g. pupa

-2

3239

-3

Bluebonnet, check.

3240

19

22	B403/A 1-8-3, ^{Se/47-4} TP x R-S BR	3241
	-5	3242
	-6	3243
	-7	3244
	-8	3245
	-9	3246
	-10	3247
	Taller than other SP -11	3248
not typical of most. Taller. looks very good BBT mat, /Hv		

3249

B403/A1-8-3, Sol, 47-12
TPxR-SBR

222

3250

-13

3251

-14

3252

B403/A1-1-17, Sol, 47-1 "

223

3253

-2

3254

-3

3255

-4

3256

-5

23 B403/A1-1-11, Sel, ⁴⁷⁻⁶ TPxR-SBR 3257

-7

3258

-8

3259

2 B403/A1-3-3, check 3260

8/30

-9

3261

8/30

-10

3262

-11

3263

-12

3264

B403/A1-1-11, Sel, 47-13 P.R-SBR
3265 ^{8/29} 223

3266 ^{8/29} -14

3267 -15

3268 -16

3269 -17

3270 ^{8/28} -18

3271 ^{8/28} -19

3272 -20

23 ⁴⁷⁻²¹
B4031A1-1-11, Sel, ^{8/29} TPxR-SBR 3273

35 Hyb Mix-8-47-14, TPxR x R-SBR 3274

-15 3275

-16 3276

-17 3277

-18 3278

-19 3279

35 Hill Patna, check 3280

3281 Hyb Mix-8-47-20, TP+R x R-SBR
8/27 535

3282 no Co
met early, fairly good

3283 -22

3284 -23

3285 8/31 -24

3286 -25

3287 -26

3288 -27

Hyb Mix-8-47-28, TP+R, R-SBR
8/28

3289

Has exceptionally short stem
mostly late

-29

3290

-30

3291

-31

3292

-32

3293

-33

3294

min. mat. or late. Short stem
No CP, Very clean, green neg. Stork
profoundly Outstanding row Adh
yl grain type good enough

Hr

-34

3295

med gr type

-35

3296

3297 Hyb Mix-8-47-36, TPRx R-SBR 53

3298 -37

3299 -38

3300 Remark, Check.

26

3301 -39

3302 -40

3303 -41

3304 -42

Hyb Mix-8-47-43, TP & R x R-SBR

3305

-44

3306

Very short stem

under a later Mat

V. good grain type & stem

Say for

CO

-45

3307

-46

3308

-47

3309

Tall, very clean very

no CO.

as early as possible

Ho

-48

3310

8/21 - 9/1
58 very tall

(no CO, leaves still
green on 10/27. good grain)

3311

Ho
put

8/28 - 9/7

3312

Sometimes still green on 10/27 not as
many as 3311. Thinner stem also

Ho
put

3313

8/30 8⁰⁰
lsCalif
146Hv
pul

3314

8/21 - 9/2
fairly tall, heavy straw, rather bold grain
looks very much like 3315
v. green straw, 2nd. lit. Very straw
one of very bestCalif
146Hv
adv

3315

8/24 - 9/3
Short straw, good grain typeCalif
147Hv
pulShorter & more unif. lit than 3314
Straw prob not as good

3316

8/22 - 9/5

Calif
147Hv
advfairly tall
Best one in group

3317

8/24 - 9/1

Calif
147

Hv

Short straw, very uniform, med grain

3318

B46-224-1, Hill sel

2417

3319

B46-6124-1,

"

"

Body dried out on 10/27

241

3320

B4031A1-24-1-2, check

Up CO, fairly tall, good
straw, looks ok
v. dry green straw on 10/27

28

619. B46-6124-2 N. 11 Sel 3321

-3

3322

8/21 -4

3323

8/21 -5

3324

-6

3325

8/21 -7

3326

8/21 -8

3327

-9

3328

33329 B46-6124-10, Hill Sel
8/21

2619

33330 8/22 -11

33331 8/24 -12

2620

33332 8/24 -13

33333 8/24 -14

33334 B45-2253 -1 Hill Sel
2622 To 29

33335 -2

33336 -3

B45-2253-4, Hill Sel
227029

3337

-5

3338

-6

3339

31 B403/A1-1-8, Check.

3340

8/15

-7

3341

-8

3342

-9

3343

-10

3344

3345

B45-2253-11, N. 11 Sec 1

2622 702

3346

-12

3347

-13

Hv Very good. Some plants quite clean for 60. Better than any other seen in group

3348

-14

3349

-15

3350

-16

3351

-17

612

3352

-18

128 B45-2253-19, Will Sel 3353

-20

3354

-21

3355

-22

3356

-23

3357

129 -24

3358

-25

3359

19 Bluebonnet, Check

3360

3361

B45-2253-26, N. 11 Sel

6129

3362

-27

3363

8/23

-28

3364

-29

3365

-30

6132

3366

8/22

-31

3367

-32

3368

-33

130 B45-2253-34, Hill Sel

3369

-35

3370

-36

3371

-37

3372

3630 to 34

3373

Are all much more
and for much more
Very green, sturdy stems, no leaves
fairly tall.

3374

3375

3376

3377 Guil Med x Hill Long 26A1-52

3378

3379

3380 A1-3-3

22

3381

3382

3383

3384

6A1-52

3385

3386

3387

One of best / Very green, show no Co
 (smaller stalk, Rattentail) 3388
 Shorter than some, but better
 shape, pink BBT mark, Mr

3389

3390

3391

3392

3393

2441-52

3394

3395

3396

Much like 3388 in apt
much longer gran

3397

3398

3399

7-

3400

Hill Patina

25

B 46-5048-2-16-1

2641-52

3401

3402

3403

3404

3405

3406

2645 B 46-5048-2-7-1

-1

3407

~~Handwritten signature~~

-2

3408

3409

- 3

2645

3410

- 4

3411

- 5

3412

- 6

3413

- 7

3414

- 8

3415

B 46-5048-8-1

an excellent Patra type 24 A

stored v. well. No to plant
dies last slowly

8/31

416

- 2 2

646

- 3

3417

- 4

3418

- 5

3419

6 Punk

3420

- 6

3421

8/31

- 7

3422

8/30

- 8

3423

- 9

3424

3425

-10

247

3426

-11

3427

-12

3428

-13

3429

1346-4935-1

Hill Natl. Cross

2909-31

3430

8/25

-2

3431

8/22

-3

3432

-4

909-31

-5

3433

-6

3434

-7

3435

8/21

-8

3436

-9

3437

-10

3438

-11

3439

8

A1-24

3440

3441

-12

2909-31

3442

8/22

-13

3443

8/23

-14

3444

8/24

-15

3445

8/25

-16

3446

8/27

-17

3447

-18

3448

8/21

-19

909-31	8/27 -20	Types in pure as in this material from 3373 - 3460. Are med & long grain types no A & very clear legulation not sturdy straw	3449
	-21		3450
	8/28 -22		3451
	8/28 -23		3452
	8/28 -24		3453
8/22	-25		3454
8/22	-26		3455
8/21	-27		3456

3457 ^{8/23}

-28

2909-31

3458 ^{8/21}

-29

3459

-30

3460

31

3461

^{8/20} Hill Patrol 48-3461-1
Hill - Dish field

3462

848-3462-1

3463

3464

11 - Disk field

3465

3466

3467

3468

3469

3470

3471

3472

3473

Hill - Dish field

3474

3475

3476

3477

3478

3479

3480

19

hill - Dish field

3481

3482

3483

3484

3485

3486

3487

3488

33489

Hill - Disk field

33490

33491

33492

33493

33494

33495

33496

Hill - Dish field

3497

3498

3499

22

A1-3-3

3500

3501

3502

3503

3504

3505

Hill - Dish field

3506

3507

3508

3509

3510

3511

3512

III - Dish field

3513

3514

3515

3516

3517

3518

3519

3520

Hill Patina

3521

Hill - Dish field

3522

3523

3524

3525

3526

3527

3528

11 - Dist field

3529

3530

3531

3532

3533

3534

3535

8/30

3536

3537

Hill-Dish field

3538

3539

3540

24

3541

3542

3543 ^{8/27}

3544

Hill - Dish field

3545

3546

3547

3548

3549

3550

3551

Type Hill ^{8/21}

3552

3553 ^{8/26} Off-Type Hill

3554

3555 Constant row
Unusual type, straw husks open
parallel V. clean vegetation
resembles C x R line, except early.
^{8/25}

3556

3557 ^{8/22 9/1}

3558 ^{8/22 9/1} Hill - V. Early - JCD.

3559 ^{8/22}

3560

28

III - V. Early - JCD $\frac{8}{21}$ $\frac{8}{31}$ 3561

Ant sel. Hill Straw $\frac{8}{23}$ 3562
 much Tilling 4 rows all
 the same V. Good

$\frac{8}{24}$ 3563

$\frac{8}{24}$ 3564

$\frac{8}{24}$ 3565

Remark Sel. B47-3061-1 3566
 061

-2 3567

-3 3568

B47-3061-4, Remark Sel

3569

306

-5

3570

-6

3571

-7

3572

-8

3573

B47-3071-1,

"

3574

307

8/31

-2

3575

8/31

-3

3576

B47-3071-4, Rexark Sel
07/ 8/31

3577

-5

3578

-6

3579

~~B48-307~~

B403/A1-1-8, check

3580

-7

3581

-8

V. tall, straw hulls
no Co. just good

3582

-9

3583

-10

3584

~~B40511~~ B47-3071-11, Remark Sel
3585 308

B46-4796-1 Remark Sel
3586 3101-04

3587 -2

3588 -3

3589 -4

3590 -5

Sh

3591 -6

very much like 3590

3592 -7

B46-4796-8, Remark Sel 01-04		3593
-9		3594
-10		3595
-11		3596
-12		3597
B46-4797-1 107 to 3114	"	3598
-2		3599
Bluebonnet, check		3600

not corrected on 12/7/48

3096

3184

47-2561

3104 to 3122 bulked & mixed
a med-long type with Century bulk

47-2601

3126-35

3126-42

3144-73

Bulked and
labeled Long grain
Century 47-2601

2403 ✓

2430

2455

~~2446~~ 71
not recorded

2511

2523

2534

2537

2550

2554

2556

2569

2602

2621

2648

2661

2663

3069

3083

3090

3185

3193

3209

3215

1 2548

2 2549

3 2550

4 2551

5 2552
2918 - 2917

6 2553
2918 - 45

7 2554
2946 - 73

8 2555
2974 - 19

9 2956
3001 - 26

10 2957

3219

3231

3234

3248

3294

3309

3311

12

13

14

15

16

17

3347

3388

3415

3590

(Honest 3190 - 3218 + bulk)

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

2401 - 4001 8/31

4001 - 7801 9/1

7801 - 8500 9/2

2001 - 2801 9/3

Harvest

3746 (grown and fresh)
3759
3761
3771

4473

Sorted for earlies

3601 - 3761 9/10.

3801 - 3900 9/10?

4401 - 4600

4601 - 4800

4801 - 5000

Worked through ~~4000~~, (~~except for 3800's~~)
4499 on 10/27

4093 outstanding Patna Jr type,
like Century abundant seed, Adv.

5057, more sl than BB but long gold some min
gold hulls

5058, " "

5059 more sl " " " " "

5061 sep for slender gr. some v. slender, long, gold

5062 Best grain type, prob as slender as BB
quite uniform

5063 - V good grain, almost as good as 5062

5064, disc, fuller than some

5065, - early fair, disc

5066, - " " "

5067, - " " "

5068 - " " "

no cards necessary

3
3
3
3

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk.....Osborn.....Sharp.

Harrow.....U Bar.....Good.

Seeder.....Monitor.....Good.

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.

2. Disked (lapped half).....4-10-'08.

3. Harrowed.....4-10-'08.

4. Harrowed.....4-27-'08.

5. Seeded.....4-27-'08.

6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.

Date.....4-27-'08.

Rate.....3 bushels per acre by weight.

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

46-

3601

B4797-1-8 Remark

Sc1

310776/4

3602

- 2

3603

- 3

3604

- 4

3605

- 5

3606

- 6

3607

- 7

3608

B46-4798-1

"

312

more CO vented, possibly a little
thicker than 46-4798
Dues look faster than 46-4798

3121 B46-4798-2, Remark Set 3609

4797

-3

3610

46-

-4

3611

Better grain than

-5

3612

-6

3613

Better grain than

-7

3614

B46-4805-1

11

3615

3144 To 59

-2

3616

3617 B4805-3, Remark Sel.

3146 To 59

3618 -4

3619 -5

Ho Standing better than others

3620 B4031A1-3-3, Check

23

3621 -6

3622 -7

3623 B46-4832-1, Remark Sel

317

3624 -2

3174	B46-4832-3, Remark Sel	3625
------	------------------------	------

3186487	-4	3626
---------	----	------

	-5	3627
--	----	------

	-6	3628
--	----	------

	-7	3629
--	----	------

3219-33	B46-4856-8-1,	"	3630
---------	---------------	---	------

	-2	3631
--	----	------

	-3	3632
--	----	------

3633

B46-4856-8-4, Rexat K Sel.

3219 To 33

3634

-5

3635

-6

3636

-7

3637

-8

3638

-9

3639

-10

An excellent Rexat type, v. good Patna grain type, straw hulls, much stiffer straw than Rexat. Possibly late maturity. Considerable variation between seeds.

3640

Hill Patna H, Check

25

B 46-4856-8-12, Remark Sel 3641
 3219 to 33

Early maturity
 " than other observed prominently as Remark
 -12

3642

Hv

-14

3643

-15

3644

-16

3645

-17

3646

-18

3647

-19

3648

3649 B46-4856-8-20, Rexark Sel
32197032

3650 -21

3651 -22

Mr
3652 -23

3653 -24

3654 -25

3655 B46-4856-9-1 " 32307032

Mr

3656 -2

B46-4856-9-3, Remark Set 3230 To 33 3657

-4

3658

-5

3659

26 Remark, Check 8/29

3660

-6,

"

3661

B48-3662, Remarked " 541-10609-R-SBR from Hd row Block

3662

B48-3663

"

"

3663

B48-3664 8/25

"

"

3664

3665 B48-3665, Rexark Sel
SAI-10609-R-SBR
from Hd Row Block

3666 -3666 "

3667 -3667 "

3668 -3668 "

3669 8/26 -3669 "

3670 8/25 -3670 "
SAI-10607-R-SBR
sol. Rough Hulls

3671 F3 B4525A1-1, (TPxR-7689)xV645-S309xS
8/15
120

3672 F3 B4526A5-0, (TPxR-7689)(TPxR-SBR)
8/30
140
9/30
there
370

F3
B4530A3-1, ^{A4-38}(TPxR-7689)x Hill Med
8/27 3673

-2
8/31 3674

-3
8/31 3675

F3
B4530A9-1 " 3676
6040-9 8/27

F3 - B4534A1-1, ^{A4-43}R-7689x(TPxR-7689)
B4534A1-F2 3677
8/29

8/31 -2 3678

F3 B4536A1-1, R-7689x Hill Medium
B4536A1-F2 3679
8/27

28 B4031A1-24-1-2 check, 3680

F3 B4536 A1-2, R-7689x N.11 Medium
3681 ^{8/22} B4536 A1-F2

3682 ^{8/29} -3

3683 ^{8/22} -4

3684 ^{8/31} -5

3685 ^{8/29} -6

3686 ^{8/29} -7

3687 ^{8/29} -8

3688 ^{8/29} -9

F3-B4538A1-1, R-7689x (TPxR-SBR)^{A1-3-3}
 B4538A1-F2_{8/27} 3689

-2

3690

8/25 -3

3691

8/22 -4

3692

-5

3693

8/27 -6

3694

F3-B4540A3-1, R-7689x ^{Hill medium} ~~Remark~~
 B4540A3-F2_{8/27} 3695

8/27 -2,

3696

3697 ^{8/22} F3-B4540A1-1, R-7689x ^{Hill Medium} ~~Rexark~~
B4540A1-F2
Very good pattern grain type

3698 ^{8/22} F3 B4542A1-1, R-7689x ^{A1-3-3} (JP x R-SBR)
B4542A1-F2

3699 ^{8/27} -2

3700 ^{8/29} ~~F3~~ B403/A1-1-8, check

31

3701 ^{8/14} ^{8/25} F3 B459A1-1, Hill Sel x Rexark
459A1-F2

3702 ^{8/10} ^{8/22} -2

3703 ^{8/12} ^{8/23} -3

3704 ^{8/12} ^{8/22} -4

off wheels present

F3 - B459A1-5, Hill Sel x Rexark
 59A1 - FC 8/10 8/22 3705

8/10 8/22 - 6 3706

8/10 8/31 - 7 3707

8/10 8/20 - 8 3708

8/15 8/24 - 9 3709

8/13 8/23 - 10 3710

8/15 8/25 - 11 3711

8/13 8/24 - 12 3712

F3- B459A1-13, Hill Sel x Rexark
459A1-F2

3713 $\frac{8}{15}$ $\frac{9}{11}$

3714 $\frac{8}{14}$ $\frac{8}{24}$ -14

3715 $\frac{8}{15}$ $\frac{8}{24}$ -15

3716 $\frac{8}{15}$ $\frac{8}{25}$ -16

3717 $\frac{8}{15}$ $\frac{8}{25}$ -17

3718 $\frac{8}{14}$ $\frac{8}{24}$ -18

3719 $\frac{8}{13}$ $\frac{8}{24}$ -19

3720 Bluebonnet, Check

F₃ - B459A1-20, Hill Sel x Rexark
 459A1-FC 8/14 8/24 3721

8/15 8/24 - 21

3722

8/15 8/25 - 22

3723

8/15 8/24 - 23

3724

8/15 8/23 - 24

3725

8/15 8/25 - 25

3726

8/16 8/25 - 26

3727

8/14 8/23 - 27

3728

F2 B459A1-28, Hill Sel x Rexark
3729 $\frac{8}{14}$ $\frac{8}{23}$ 459A1-F2

3730 $\frac{8}{15}$ $\frac{8}{25}$ -29

3731 $\frac{8}{14}$ $\frac{8}{24}$ -30

3732 $\frac{8}{14}$ $\frac{8}{24}$ -31

3733 $\frac{8}{14}$ $\frac{8}{23}$ -32

3734 $\frac{8}{15}$ $\frac{8}{24}$ -33

3735 $\frac{8}{15}$ $\frac{8}{25}$ -34

3736 $\frac{8}{14}$ $\frac{8}{24}$ -35

F3-B459A1-36, Hill Sel x Rexark
 459A1-FR 8/15 8/24 3737

8/14 8/23-37 3738

8/14 8/23-38 3739

RR B403/A1-3-3, Check 8/31 3740

8/15 8/25-39 3741

8/14 8/23-40 3742

8/15 8/25-41 3743

8/14 8/24-42 3744

3745 ^{F3} - B459A1-43, H.11Se/ x Roxark
8/16 8/25 459A1-F2

3746 8/17 -44

Dr a very good line Constant
Kingston (study) good grain
green vegetation

3747 8/16 8/24 -45

3748 8/15 8/24 -46

3749 8/16 8/25 -47

3750 8/15 8/24 -48

3751 8/15 8/25 -49

3752 8/14 8/27 -50

F₂-B459A1-51, Hill Sel x Rexark
 459A1-FA 8/17 8/28 3753

8/16 8/24 -52

3754

8/15 8/24 -53

3755

8/14 8/23 -54

3756

8/15 8/24 -55

3757

8/14 8/23 -56

3758

8/14 8/24 -57

3759

grow as an early type
 Is not one of better lines, however
 But is uniformly early (VE)

Hv

25 Hill Patna, Check

3760

3761 F3- B459A1-58, Hill Sel x Rexark
8/14 8/23 459A1-FC

Beth Ann 3759 last only Jan
unifonly VE

3762 F3- B459A3-1
8/16 8/25 459A3-FC

3763 8/15 8/24 -2

3764 8/15 8/25 -3

3765 8/16 8/25 -4

3766 8/15 8/24 -5

3767 8/15 8/25 -6

3768 8/16 8/25 -7

F₃-B459A3-8, Hill Sel. x Rexark 3769
 459A3-FC 8/17 8/30

8/17 8/279 3770

8/15 8/25 -10 3771
 fairly uniform maturity
 CO resistant, fairly good row, but
 grain rather short, good to grow in yield plot ~~HL~~

8/17 -11 3772

8/16 8/26-12 3773

8/14 8/28-13 3774

8/14 8/29-14 3775

8/15 8/25-15 3776

3777 F3-B459A3-16, Hill Sel x Rexark
8/15 8/25 4-59A3-F2

1. good. Sh. Stink stream
v. good my

3778 8/17 8/28 -17

3779 8/16 8/25 -18

3780 Rexark, check 24

3781 8/17 8/29 -19

3782 8/25 -20

3783 8/17 8/29 -21

3784 8/19 9/1 -21

F3- B459A3-22, Hill Selx Remark
 459A3-FR 8/16 8/26 3785

8/15 8/23 -23 3786

8/17 8/28 -24 3787

8/18 -25 3788

8/18 8/25 -26 3789

8/14 8/25 -27 3790

8/14 8/23 -28 3791

8/24 -29 3792

F3-8459A3-30, Hill Se / x Remark
3793 8/14 8/27 459A3-F2

3794 8/24 -31

3795 8/16 8/25 -32

3796 8/14 8/24 -33

3797 8/13 8/22 -34

3798 8/13 8/22 -35

3799 8/19 -36

3800 B403/A1-24-1-2, Check

F3 - B459A3 - 37 Hill Sel x Rexark
 459A3 - FR ^{8/14} ^{8/29} 3801

^{8/22} ^{8/31} -38 3802

^{8/10} ^{8/21} -39 3803

^{8/17} ^{8/29} -40 3804

*late in this row
 are exceptionally good*

^{8/14} -41 3805

seq.

^{8/24} -42 3806

^{8/10} ^{8/21} -43 3807

^{8/10} ^{8/22} -44 3808

3809 ^{8/10} ^{8/22} F3-B459A3-45, Hill Sel x Rexark
A59A3-F2

3810 ^{8/16} ^{8/27} -46

3811 ^{8/17} ^{8/29} -47
*Very good lines
rd taller & better gr
than 3810*

3812 ^{8/30} F3-B459A1-59, "
A59A1-F2

3813 -60

3814 ^{8/30} -61

3815 -62

~~late row~~, as early as BB8 or earlier
Very good reg. growth, fairly tall,
but reg. grain length. ~~Good in field plots~~
-63

3816

F3- B459A1-64, Hill Sel x Rexark
 459A1-FC ^{8/29}
 much like 3815 but more
 uniform grain type

3817

Hv

-65

3818

-66

3819

31 B4031A1-1-8, Check
^{8/29}

3820

^{8/30}

-67

3821

-68

3822

^{8/12} ^{8/25}

-69

3823

-70

3824

3825

F3-B459A1-71, Hill Sel x Rexark
459A1-FR

3826

- 72

3827

8/16 8/21

- 73

3828

8/30

- 74

3829

- 75

3830

- 76

3831

8/14 8/24

- 77

3832

- 78

F3-B459A1-79, Hill Sel. x Rexark
459A1-FR 3833

-80

3834

-81

3835

8/30

-82

3836

-83

3837

-84

3838

8/17 8/29

-85

3839

19 Bluebonnet, check

3840

3841 F3-B459A1-86, Hill Sel x Remark
A59A1-FC

3842 8/29 -87

3843 -88

3844 8/21 -89

3845 -90

3846 -91

3847 -92

3848 -93

F3-B459A1-94, Hill Sel x Rexark
 15971-F2 3849

-95 (med. easy to thresh)
 The outstanding late row of Cross
 BPA mat on culm,
 Rel short sturdy straw, stalks v. well,
 no CO, cut flag, v. green straw, v. good gr. at Fushington
 8/31 -96 3851

8/12 8/22 -97 3852
 Very Uniform maturity

8/12 8/23 -98 3853

8/10 8/23 -99 3854

-100 3855

8/29 -101 3856

F3-B459A1-102, Hill Sel x Rexark

3857 8/29

459A1-F2

8/31

-103

3858

-104

3859

3860 B403/A1-3-3, Check

22

3861

-105

3862

-106

3863

-107

3864

8/24

-108

CO resistant Rexark type

Hr

Some sep for grain length

F3-B459A1-109, Hill Sel x Rexark
 459A1-FA 8/14 8/26 3865

-110

3866

8/26 -111

a Rexark type

3867

8/26 -112

3868

-113

3869

8/25 -114

3870

-115

3871

-116

3872

3873 F3 - B459A1-117, Hill Se/x Rexark
459A1-FA

3874 -118

3875 -119

3876 ^{8/10} ^{8/22} -120

3877 -121

3878 ^{8/16} ^{8/25} -122

3879 -123

3880 Hill Patna, check

F₃-B459A1-124, Hill Sel x Rexark
 A59A1-FC 3381

-125 " 3382
 A59A1-FC

B459A3-48,
 B459A3-FC " 3383

-49 3384

-50 3385

$\frac{3}{12}$ $\frac{5}{29}$ -51 3386

A very good, short stemmed
 early & mid body type, Excellent grain

-52 3387

-53 3388

outstanding grain type
longer than Rex

3389

F3-B459A3-54, Hill Sel x Rexark
Advanced for Series 1 B459A3-F2

The outstanding row of Crops for
uniformity, appears to be breeding true in
every respect. (that not anem) BBo on each

-55

3390

-56

3391

-57

3392

-58

3393

-59

3394

-60

3395

-61

3396

F3-B459A3-62, Hill Sel x Rexark
 B459A3-F2 3397

-63

Extremely short straw, late maturity, 3398
 later than Rexark, one of outstanding rows for short sturdy
 good stocking type,

8/15 8/25

-64

~~Extremely short straw, late maturity, 3399~~
~~than heading date indicated. one of outstanding~~
~~rows for short sturdy, good stocking type,~~
~~approach a good short sturdy~~
 Rexark, check

3300

-65

3301

8/20

-66

Very uniform but maturity almost 3302
 2 weeks earlier than Rexark.

CD resistant, very green seg, very
 sturdy straw, grows in cold sun Best

8/25

-67

3303

-68

3304

3305 F3 - B459A3 - 69, Hill Sel x Rexark
B459A3 - F2

3306 $\frac{8}{17} \frac{9}{2}$ -70

3307 $\frac{8}{25}$ -71

3308 -72

3309 -73

3310 -74
good, rather light strain
Hr. line look quite fast and
good now.

3311 -75

3312 -76

F3 B459A3-77, Hill Sel x Rexark 3313
 B459A3-F2

8/25 -78 3314
 As early as A1-1-8, brought flags,
 v. sturdy, straw. Co. record or segs.
 Uniform mat, possibly some segs for
 grain length, grown in Adv. Muns in 1989
 8/27 -79 3315

8/29 -80 3916

8/29 -81 3917

-82 3918

-83 3919

B4031 A1-24-1-2, check 3920

F3-B459A3-84, Hill Sel x Rexark
3921 8/15 8/27 B459A3-AR

A very good one
as good as 3922 + similar

F3-B4511A1-1, Hill Sel x (P x R-SBR)
3922 8/29 no CB A511A1

Ha an outstanding one, may be some
sem. for mat. at least as early as A1-24
as tail + hider looking excellent grain

3923 8/15 8/26 -2

3924 8/14 8/24 -3

3925 8/13 8/24 -4

3926 8/14 8/25 -5

3927 8/14 8/24 -6

3928 8/14 8/24 -7

511 A1	8/14-8/23	F3 - B4511A1-8, Hill Selx (P x R-SBR)	3929
8/13	8/22-9		3930
8/14	8/23-10		3931
8/14	8/23-11		3932
8/13	8/22-12		3933
8/14	8/24-13		3934
8/16	8/25-14		3935
8/16	8/25-15		3936

3937 F3-B4511A1-16, H11Sc/x (TPxR-SBR)
8/13 8/20 11511 A1

3938 8/13 8/22 -17

3939 8/15 9/1 -18

3940 B403/A1-1-8, check

31

3941 8/14 8/24 -19

3942 8/16 8/27 -20

3943 8/17 8/27 -21

3944 8/15 -22

F3-B4511A1-23, Hill Sel x (P x R-SBR)
 1511 A1 8/15 8/25 3345

8/15 8/29 -24

3346

8/14 9/1 -25

3347

8/15 8/25 -26

3348

8/15 8/25 -27

3349

8/14 8/26 -28

3350

8/14 8/27 -29

3351

8/14 8/29 -30

3352

3353 B4511A1-31, Hill Selx (TPR-SBR)
8/16 8/28 A511A1

3354 8/16 9/1 -32

3355 8/15 8/27 -33

3356 8/15 8/25 -34

3357 8/15 8/24 -35

3358 8/17 9/1 -36

3359 8/15 8/25 -37

✓ W/ Uni/Early line
V short stair seg on M-R for Co.

3360 Bluebonnet, check

F3 - B4511A1-38, Hill Selx (TPxR-SBR)
 511 A1 8/15 8/25 3361

8/14 8/26 -39 3362

8/14 8/26 -40 3363

8/14 8/24 -41 3364

8/14 8/24 -42 3365

8/14 -43 3366

seq.

8/14 8/27 -44 3367

8/14 8/27 -45 3368

3969 F3-B4511A1-46, H.11 Selx (TP&R-SBR)
8/15 8/25 A511 A71

3970 8/16 8/26 -47

3971 8/15 8/25 -48

3972 8/15 8/25 -49

3973 8/15 8/25 -50

3974 8/16 9/1 -51

3975 8/16 8/27 -52

3976 8/16 9/1 -53

F₃ - B4511A1-54, Hill Selx (TPxR-SBR)
 511A1 8/14 8/26 3377

8/14 -55 3378

8/14 8/26 -56 3379

22 B4031A1-3-3, check 3380
 8/26

8/14 8/27 -57 3381

8/14 8/27 -58 3382

8/14 8/25 -59 3383

8/15 8/25 -60 3384

F3-B4511A1-61, H11/Se/x (TPxR-SBR)
3385 ^{8/14} ^{8/26} 1511A1

3386 ^{8/14} ^{8/27} -62

3387 ^{8/14} ^{8/26} -63

3388 ^{8/15} ^{8/25} -64

3389 ^{8/14} ^{8/24} -65

3390 ^{8/14} ^{8/24} -66

3391 ^{8/14} ^{8/25} -67

3392 ^{8/14} -68

Fg-B4511A1-69, H. N Sel x (GP x R-SBR)
 151171 3993

*much taller than
 other rows when ripe*

8/30 -70 3994

8/14 8/27 -71 3995

8/22 8/31 -72 3996

8/25 -73 3997

8/14 8/24 -74 3998

8/15 1st head 9/1 -75 3999

25 Hill Patna, check 4000

4001

F3-B4511A1-76, Hill Selx (TPxR-SBR)
A511A1

4002

-77

4003

8/15 8/25

-78

4004

-79

4005

8/25

-80

4006

8/21 8/31

-81

4007

9/1

-82

4008

8/14 9/1

-83

F3-B45/A1-84, H11S_{el}x(TP_xR-SBR)
 4571A1 4009

8/15 8/25-85 4010

8/27 -86 4011

8/26 -87 4012

8/31 -88 4013

8/17 8/26 -89 4014

8/21 8/30 -90 4015
 uniform mat. as early as A1-1-8
 CO resistant, rather short straw
 Very good low. Segs grain length
 Adm H

-91 4016
 grow along side better Patna
 sels. Prob as early as A1-3-3
 mostly CO resistant H

4017 F3-B4511A1-92, Hill Sel x (TP x R-SBR)
8/22 H511A1

4018 -93

4019 F3-B4516A1-1, Hill Sel x (TP x R-SBR)
8/24 A514A1

4020 Remark, check

24

4021 8/24 -2

4022 8/27 -3

4023 8/24 -4

4024 8/24 9/2 -5

F₃ - B4516A1-6, H11Se1x (TPxR-SBR)
 574 A1 8/24 4025

8/24

-7

22

4026

8/24

-8

4027

8/23 9/2

-9

4028

8/29

-10

4029

8/21 9/2

-11

4030

8/24

-12

4031

8/24

-13

4032

Does not have CD resistance
 B4511A expected that del
 May not be a cross maybe that del

4033 F3-B4516A1-14, Hill Selx (TPxR-SBR)
8/27 4514 A1

4034 8/29 -15

4035 8/23 9/2 -16

4036 8/29 -17

4037 8/23 9/2 -18

4038 8/29 -19

4039 8/24 -20

4040 B4031A1-24-1-2, check

F3-B4516A1-21, H.11 Sel x (JP x R-SBR)
 4516A1 8/22 9/1 4041

8/23 9/1 -22

4042

8/23 9/1 -23

4043

8/23 -24

4044

8/24 -25

4045

8/23 -26

4046

8/23 -27

4047

8/24 -28

4048

4049 ^{8/24} F3-B45/6A2-1, Hill Selx (TPxR-SBR) 4514 FR

4050 ^{8/24} -2

4051 -2

4052 ^{8/24} -4

4053 ^{8/14} ^{8/27} -5 4514 FR

4054 ^{8/17} ^{8/27} -6

4055 ^{8/15} ^{8/26} -7

4056 ^{8/15} ^{8/26} -8

F3-B4516 A2-9, H.11 Sel x (P_xR-SBR)
 514 A2 8/15 8/24 8/25 4057

8/14 8/29 -10

4058

8/15 8/25 -11

4059

31 B4031 A1-1-8, Check.
 8/30

4060

8/14 8/27 -12

4061

8/17 8/28 -13

4062

8/14 8/29 -14

4063

8/14 8/24 -15

4064

4065 F3- B4516A2-16, H.11 Sel x (TPxR-SBR)
8/16 8/27 A514A2

4066 8/15 8/24 -17

4067 8/16 8/31 -18

4068 8/17 -19

4069 8/16 8/30 -20

4070 8/17 8/29 -21

4071 8/15 8/25 -22

4072 8/15 8/29 -23

F3 B4516A2-24, Hill Sel x (TP x R-SBR)
 51472 8/17 4073

8/15 8/24 -25 4074

-26 4075

9/1 -27 4076

-28 4077

-29 4078

9/17 -30 4079

19 Bluebonnet, check. 4080

4081 F3-B4516A2-31, H.11 Selx (GPxR-SBR)
A516 H2

4082 8/15 8/25 -32

4083 8/29 -33

4084 8/29 -34

4085 -35

4086 8/30 -36

4087 8/24 -37

4088 8/27 -38

F3-B4516A2-39, Hill Sel x (TP x R-SBR)
 4516A2 4089

-40

4090

8/22

-41

4091

8/19 8/30

-42

4092

Albino A1-1-8 maturity, quite
 uniform, grow in field mass

8/31

-43

4093

Excellant grain quality

Ho

8/18

-44

4094

-45

4095

F3-B4516A1-29,
 B4516A1-FL 8/24

"

4096

4097

F3-B4516A1-30, Hill/Se/x(TPxR-SBR)
8/21 BA516A1-FR

4098

8/29

-31

4099

8/25

-32

W

This cross no. may not be a
cross? quite early, Uniform as
are most also from this no.

4100

B403/A1-3-3, Check

22

4101

8/24 9/2

-33

W

Uniform Early

4102

8/24 9/3

-34

4103

8/24 9/3

-35

4104

9/1

-36

F₃-B4516A1-27, Hill Sel x (TP x R-SBR)
 34516A1-F2 8/23/3 4105

6/29 -38 4106

8/25 -39 4107

8/24 -40
 Some resistant (Co) plants
 in this line. 4108

8/27 -41 4109

8/28 -42 4110

8/28 -43 4111

8/29 -44 4112

4113 *F3-B4516A1-45, Hill Sel x (TP x R-SBR)*
B4516A1-FC

4114 *F3-B4513A1-1, Hill Sel x Rexark*
4513A1

4115 *8/17 8/29 -2*

4116 *8/20 -3*

4117 *8/22 9/1 -4*

4118 *8/16 8/30 -5*

4119 *8/14 8/24 -6*

4120 *Rexark, ~~8~~ Check.*

*This comb is not (but Hill x Rexark).
 Cross between F long sl and a Rexark shell.
 Shows gold present, also very light coloring.
 Hypo. Good many Rexark characters present.
 Rexark is dominant. Extremely early
 to set. (Probably Hill x Rexark rough Rogo)*

F3-B4513A1-7, Hill Sel x Rexark
 +513A1 8/17 8/30 4121

8/18 8/31 -8 4122

8/17 -9 4123

8/17 8/31 -10 4124

8/17 9/1 -11 4125

8/15 8/24 -12 4126

8/18 9/1 -13 4127

8/17 9/2 -14 4128

4129 F3-B45/3A1-15, Hill Sel x Rexark
8/17 8/1 4513 A1

4130 8/16 8/30 -16

4131 8/22 -17

4132 8/14 8/28 -18

4133 8/17 8/26 -19

4134 8/18 8/30 -20

4135 8/17 -21

4136 8/18 -22

Fg-B4513A1-23, Hill Sel x Rexark
 H513 A1 8/14 8/25 4137

8/18 8/30 -24 4138

8/18 8/30 -25 4139

24 Rexark, Check 4140

8/13 8/20 -26 4141

8/16 8/26 -27 4142

8/19 8/30 -28 4143

8/15 8/24 -29 4144

4145

F3- B4513A1-30, H11/Sc/x Remark
8/19 9/12 A513 FI

4146

-31

4147

-32

4148

-33

4149

-34

4150

8/17 8/27

-35

4151

-36

4152

8/14 8/27

-37

F3-B4513A1-38, Hill Sel x Rexat 4153
4513 A1

-39

4154

-40

4155

-41

4156

-42

4157

-43

4158

8/16 8/29

-44

4159

28 B4031A1-24-1-2, Check

4160

4161

F3-B45/3A1-45, H.11 Sel x Rexark
4513A1

4162

-46

4163

F3-B45/3A2-1, " 4513A2

4164

Thudlow is prob
BBT or mix x Rexark
all are smooth and have
a smooth Rexark type

-2

4165

-3

4166

as tall as BBT, prob BBT
met. Copulant, gold fully.
shells fully, very good, 100% star

-4

4167

-5

4168

-6

F3-84513A2-7, Hill Selx Remark
4573A2 4169

-8

4170

flu?

-9

4171

~~flu?~~

-10

4172

-11

4173

-12

4174

-13

4175

-14

4176

4177

F3-B4513A2-15, Hill Sel/x Rexark
A513 AR

4178

-16

4179

BB+ type, ⁻¹⁷ gold hull

ph

4180

B4031A1-1-8, check

3)

4181

-18

4182

-19

4183

-20

4184

-21

F3-B4513A2-22, Hill Sel. x Remark
 4513A2 4185

-23

4186

-24

4187

-25

4188

-26

4189

-27

4190

-28

4191

F3-B4517A1-1, Hill Sel. x (A4-43)
 4517A1 8/16 2/20 4192

4193 F3-B4517 A1-2, Hill Sel x (TPxR-7689) ^{A4-30}
8/16 8/29 A517 A1

4194 8/16 -3

4195 8/17 8/29 -4

4196 8/17 9/2 -5

4197 8/16 8/25 -6

4198 8/15 8/24 -7

4199 8/15 8/29 -8

4200 Blue bonnet, check 19

F3-B4517A1-9, Hill Selx (TP^{AA-30}_xR-7689)
 4517A1 8/14 8/25 4201

8/14 8/25 -10

4202

8/17 8/27 -11

4203

8/16 8/23 -12

4204

8/16 9/1 -13

4205

8/14 8/23 -14

4206

8/17 8/28 -15

4207

8/24 -16

4208

4209

F3-B4517A1-17, H.11 Sel x (TPx R-7689)
 8/16 8/27 A4-30
 4517 H1

4210

8/15 8/24 -18

4211

8/16 8/23 -19

4212

8/16 8/23 -20

4213

8/17 8/27 -21

4214

8/16 8/26 -22

4215

8/15 8/23 -23

4216

8/15 8/23 -24

F3-B4517A1-25, H11Sel^{A4-30}(TPxR-7689)
 4517 H11^{8/15} 8/23 4217

8/14 8/25 -26 4218

8/15 8/29 -27 4219

22 B403/A1-3-3, check
 8/29 4220

8/15 8/20 -28 4221

8/14 8/20 -29 4222

8/15 8/20 -30 4223

8/15 8/20 -31 4224

4225 F3-B4517A1-32, Hill Sol (A4-30 TPxR-7689)
8/14 8/23 A517 H1

4226 8/14 8/23 -33

4227 8/15 8/26 -34

4228 8/16 8/30 -35

4229 8/15 9/1 -36

4230 8/14 8/23 -37

4231 8/14 8/28 -38

4232 8/14 8/23 -39

F3- B4517A1-40, Hill Sel x TP x ^{A4-30} R-7609)
 A517A1 8/14 8/25 4233

8/14 8/24 -41 4234

8/14 8/22 -42 4235

8/15 8/29 -43 4236

8/16 9/1 -44 4237

8/17 -45 4238

8/16 -46 4239

35 Hill Patna, check 4240

4241 ^{8/14} ^{8/24} F3 - B4517A1-47, Hill Sel x (TPxR-7689) ^{A4-30}
4517A1

4242 ^{8/14} ^{8/23} -48

4243 ^{8/14} -49

4244 ^{8/17} ^{9/1} -50

4245 ^{8/15} ^{8/29} -51

4246 ^{8/14} ^{8/27} -52

4247 ^{8/16} ^{8/30} -53

4248 ^{8/14} ^{8/26} -54

F3-B4517A1-55, Hill Sel x (TP x R-7689)^{A4-30}
 4517 A1 8/14 8/27 4249

8/14 8/26 -56 4250

8/14 8/27 -57 4251

8/15 8/26 -58 4252

8/14 8/26 -59 4253

8/14 8/23 -60 4254
 very uniform, early Hv

8/14 8/24 -61 4255

8/14 8/26 -62 4256

4257 F3- B4517A1-63, Hill Sel x (TPxR-7689) ^{A4-30}
8/17 8/28 4517A1

4258 8/16 8/27 -64

4259 8/16 8/25 -65

4260 Remark, Check 24

4261 8/14 8/24 -66

4262 8/14 8/27 -67

4263 8/16 9/2 -68

4264 8/17 8/29 -69

F3-B4517A1-70, Hill Sel x (TPx R-7689)
 517 A1 8/17 8/31

4265

8/15 9/2 -71

4266

8/14 8/31 -72

4267

8/17 -73

4268

8/14 8/27 -74

4269

8/14 8/25 -75

4270

8/17 8/29 -76

4271

8/25 -77

4272

4273

F3-84517A1-78, Hill Selx (A4-30)
8/16 8/24 (TPR-7689)
A517A1

4274

8/16 8/24 -79

4275

-80
B4517A1-F2

4276

-81

4277

8/14 -82

4278

-83

4279

-84

4280

B4031A1-24-1-2, check

F3-B4517A1-85, Hill Selx (TPxR-7689)^{A4-30}
4281

-86

4282

-87

4283

-88

4284

-89

4285

-90

4286

8/14 8/30

-91

4287

-92

4288

4289

F3-B4517A1-93, Hill Sel (TPxR-7689)
A4-30
B4517A1

4290

-94

4517 A1

4291

-95

4292

-96

4293

-97

4294

-98

4295

8/16 8/29

-99

4296

8/24

-100

F3-B4517A1-101, Hill Selx (TPxR-1689)
 517 A1 ^{A4-30} 4297

-102

4298

-103

4299

8/24
 31 -104

4300

-105

4301

-106

4302

-107

4303

-108

4304

4305

Fa-B4517A1-109, Hill Sel (TPxR-7689)
8/27 14-30
A517 A1

4306

-110

4307

-111

4308

-112

4309

-113

4310

-114

4311

-115

4312

8/27

-116

^{A4-30}
~~A4-30~~
 F3-B4517A1-117, Hill Selx (TPxR-7609)
 517 A1 4313

F3-B4514A1-1,
 514 A1 8/14 9/1 " 4314

8/14 9/1 -2 4315

8/14 8/20 -3 4316

8/17 8/27 -4 4317

8/14 8/23 -5 4318

8/15 9/2 -6 4319

19 Bluebonnet, check 4320

F3-B45/4A1-7, Hill Selx (A4-30
TPxR-7689)
A514 F1

4321

8/16

9/2

4322

8/15

8/25

-8

4323

8/16

8/26

-9

4324

8/16

8/27

-10

4325

8/16

8/27

-11

4326

8/16

8/26

-12

4327

8/14

-13

4328

8/16

8/24

-14

F3-B45/4A1-15, Hill Solx (TP^{A4-30}R-7689)
 5/14 7/1 8/14 8/26 4329

8/14 8/24 -16 4330

8/15 8/24 -17 4331

8/14 8/24 -18 4332

8/25 -19 4333

8/17 8/24 -20 4334

8/18 8/28 -21 4335

8/14 8/24 -22 4336

4337 ^{8/16} ^{8/25} F3-B45/AA1-23, Hill Selx (TPxR-7689) ^{A4-30}
1514 AI

4338 ^{8/15} ^{8/24} -24

4339 ^{8/22} -25

4340 B403/A1-3-3, check

22

4341 ^{8/24} -26

4342 ^{8/16} ^{8/27} -27

4343 ^{8/16} ^{8/28} -28

4344 ^{8/14} ^{8/27} -29

F3-84514A1-30, Hill Sci x (TPx R-7689)
 514 A) 8/14 9/22

4345

8/17 8/29 -31

4346

8/26 -32

4347

8/26 -33

4348

8/16 8/26 -34

4349

8/14 8/28 -35

4350

-36

4351

8/14 8/26 -37

4352

4353

F3-B4514A1-38, Hill Sel ^{A4-30} (1PrR-7689)
4514 A1

4354

-39

4355

-40

4356

8/26

-41

4357

8/16

8/29

-42

4358

8/16

8/29

-43

4359

-44

4360

Hill Patna, check

F3-B4514A1-45, Hill Selx (TPx^{A4-30} R-7689)
 514 A1 8/25 4361

8/27

-46

4362

8/17, 8/30

-47

4363

8/17 8/30

-48

4364

8/22 9/2

-49

4365

8/17 8/29

-50

4366

F3-B4514A4-1,

"

4367

3A514 A4

-2

4368

F3-B45/4A4-3, Hill Sol x (TPxR-7689)
A4-30
A5/4 A4

4369

-4

4370

-5

4371

-6

4372

-7

4373

-8

4374

-9

4375

-10

4376

F3-B4514A4-11, Hill Sel x (TP^{A4-30}_{xR-7689}) 4377

-12

4378

-13

4379

24 Remark, Check

4380

-14

4381

-15

4382

-16

4383

-17

4384

4385

F3-B4514A4-18, Hill Sel (TPxR-7689)
A430
A514 AH

4386

-19

4387

-20

4388

-21

4389

-22

4390

-23

4391

-24

4392

-25

F3-B4514A4-26, Hill Sel x (TP^{A4-30}x R-7689)
 4514 AA 4393

-27

4394

-28

4395

-29

4396

-30

4397

F3-B4515A1-1, Hill Sel x ^{R-N} 8975
 4515 A1 8/14 8/27 4398

8/14

-2

4399

28

~~2~~

4400

4401 F3-B4515A1-4, Hill Sel x 8975 (R-N)
8/10 8/21 A515A1

4402 F3-B4515A1-5 " " " " " "
8/10 8/21

4403 8/22-6 9/1

4404 8/21-7 9/1

4405 8/21-8 8/31

4406 8/21-9 9/1

4407 8/22-10 9/2

4408 8/22-11 9/1

F3-B4515A1-12, Hill Sel x8975(R-N)
 4515 A1 8/21 8/31 4409

8/10 8/20 -13 4410

8/10 8/27 -14 4411

8/17 8/28 -15 4412

8/16 9/1 -16 4413

8/13 8/23 -17 4414

8/12 8/25 -18 4415

8/13 -19 4416

4417 F3-B45/5 A1-20, Hill Sel x 8975 (R-N)
8/16 8/24 4515 A1

4418 -21
8/9 8/21

4419 -22
8/13 8/23

4420 B403/A1-1-8, Check
9/1 3)

4421 -23
8/13 8/23

4422 -24
8/10 8/21

4423 -25
8/9 8/21

4424 -26
8/14 8/26

F3-B4515A1-27, Hill Sel x 8975 (R-N)
 4515A1 8/14 8/26 4425

8/8 -28 8/21 4426

8/16 -29 8/27 4427

8/22 -30 4428

8/10 -31 8/23 4429

8/15 -32 8/27 4430

8/11 -33 8/23 4431

8/16 8/31 -34 4432

4433 F3-B45/5A1-35, Hill Sel x 8975 (R-N)
8/24 9/2 A515 A1

4434 8/14 8/25 -36

4435 8/15 8/25 -37

4436 8/16 9/2 -38

4437 8/21 8/31 -39

4438 8/22 -40

4439 8/27 1/16 -41

4440 Bluebonnet, Check

F3-B4515A1-42, Hill Sel x 8975(R-N)
 4515 A1 8/15 8/26 4441

8/15 8/25 -43

4442

8/14 8/30 -44

4443

8/11 8/21 -45

4444

8/11 8/22 -46

4445

8/16 8/26 -47

4446

8/14 8/28 -48

4447

-49

4448

4449 F3-B45/5A1-50, Hill Sel x 8975(R-N)
4515 A1

4450 8/14 8/31 -51

4451 8/15 8/29 -52

4452 -53

4453 -54

4454 -55

4455 8/16 8/27 -56

4456 8/25 -57

F3-B4515A1-58, Hill Sel x 8975 (R-N)
515A1 8/11 4457

8/28 -59 4458

-60 4459

22 8/28 B4031A1-3-3, check. 4460

-61 4461

8/26 -62 4462

8/29 -63 4463

-64 4464

4465 $\frac{8}{23}$ F3-B4515A1-65, Hill Sel x 8975 (R-N) $\frac{1-515}{A1}$

4466 $\frac{8}{27}$ $\frac{9}{2}$ -66

4467 $\frac{8}{26}$ -67

4468 $\frac{8}{16}$ $\frac{8}{27}$ -68

4469 $\frac{8}{16}$ $\frac{8}{27}$ -69

4470 Some CO on $\frac{10}{26}$ -70

W A very good BBT type
a good Patna grain though (good)
-71

4471

4472 -72

June 5

July 82
Aug 25
15
102

55

Ripe

F3-B4515A1-73 Hill Sel x 8975 (R-N)

515 A1 8/19 9/2 8/15 E

Very good early types

Ripe in 100 days

8/28

-74

4474

8/19 8/27

-75

4475

8/19 8/27

-76

4476

-77

4477

8/28

-78

4478

-79

4479

Hill Patna, Check

25

4480

4481

F3 - B4515A1-80, Hill Sol x 8975 (R)
4515 A1

4482

-81

4483

-82

4484

-83

4485

-84

4486

-85

4487

-86

4488

F3 - B453C1-1, BBtx (TPxR-7689)
10/22/17
44-43
B453C

F3 - B453C1-2, BBTx (TPxR-7689)^{A4-43} 4489
 B453C

-3

4490

-4

4491

-5

4492

-6

4493

-7

4494

-8

4495

-9
 U. good Patna type BBT

4496

W

F3 C 453C 1-10, BBTx (⁴⁴⁴³TPxR-7689)
4497 BA53C

4498 -11

4499 -12

4500 Bluebonnet, Check 19

4501 -13

4502 -14

4503 -15

4504 -16

F3-B453C1-17, BBTx(TPxR-7689)^{A4-43}
B453C 4505

-18

4506

-19

4507

-20

4508

-21

4509

-22

4510

-23

4511

-24

4512

4513 F3-B453C1-25, Hill Selx (TPxR-7689)
A4-43
B453C

4514 -26

4515 -27

4516 -28

4517 -29

4518 -30

4519 -31

4520 Remark, check

F3-B453C1-32, Hill Selx (TPX^{A4-43}_{P-7689})
B453C 4521

-33

4522

-34

4523

-35

4524

-36

4525

-37

4526

-38

4527

-39

4528

4529 F3-B453C1-40, Hill Sel x (TPxR-7689)
14-43
B453C

4530 -41

4531 -42

4532 -43

4533 -44

4534 -45

4535 -46

4536 -47

F3- B453C1-48, Hill Sel x (TPxR-7689)^{A4-48}
B453C 4537

-49

4538

-50

4539

59 Nira, check

4540

-51

4541

-52

4542

-53

4543

-54

4544

4545

F3-B453C1-55, Hill Sol x (TPR-7689)
B453C

4546

-56

4547

-57

4548

-58

4549

-59

4550

-60

4551

-61

4552

-62

F3-B453C1-63, Hill Selx (TPx R-7689)
 3453C 4553

-64

4554

-65

4555

F3-B454A1-1, BBT x K-R
 454A Shattering Types 4556

-2

4557

-3

4558

-4

4559

41 CI-8975 (R-N), Check

4560

4561

F3-B454A1-5, BBT x N-R

S.T.

454A

4562

-6

4563

-7

4564

-8

4565

-9

4566

-10

4567

-11

4568

-12

F3- B454A1-13, BBT x K-P
454A S.T.

4569

-14

4570

-15

4571

-16

4572

-17

4573

-18

4574

-19

4575

-20

4576

4577 F3-B454A1-21, BBT x N-R
S.T. 454A

4578 -22

4579 -23

4580 Fortuna; Check

49

4581 -24

W

4582 -25

4583 -26

W

4584 -27

F3-B454A1-28, BBTx K-R
454A S.T.

4585

-29

4586

-30

4587

454A -31
NON-Shattering Type

4588

-32

4589

-33

4590

-34

4591

-35

4592

4593 F3-B454A1-36, BBT x R-R
N.S. 1547

4594 -37

4595 -38

4596 -39

4597 -40

4598 -41

4599 -42

4600 Bluebonnet check

F3-B454A1-43, BBT x K-R
454A N.S.

4601

-44

4602

-45

4603

-46

4604

-47

4605

-48

4606

-49

4607

B454C1

-50
NON-shattering

4608

4609

F3- B454A1-51, BBT x K-R
N.S. B454C1

4610

-52

4611

-53

4612

-54

4613

-55

4614

-56

4615

-57

4616

-58

F3-B454A1-59, BBTx K-R
B454C1 N.S.

4617

-60

4618

-61

B454C1 Shattering Types

4619

Remark, check

4620

-62

4621

-63

4622

-64

4623

-65

4624

4625

F3-B454A1-66, BBT x R-R

S.T.

B454C1

4626

-67

4627

-68

4628

-69

4629

-70

4630

-71

4631

-72

4632

-73

F3-B454A1-74, BBT x K-R
B454C1 S.T.

4633

-75

4634

-76

4635

-77

4636

-78

4637

-79

4638

-80

4639

59 Nira, Check

4640

4641

F3 - B455A1-1, BBT x (JP x R-SBR)
455A1

4642

9/1

-2

4643

-3

4644

9/1

-4

4645

-5

4646

9/1

-6

4647

-7

4648

-8

NW

455 (H) F₃ - B455A1-9, BBT_x(TP_xR-SBR) 4649

9/1 -10 4650

-11 4651

-12 4652

9/1 -13 4653

-14 4654

-15 4655
 one of the best all round rows.
 short, v sturdy green stem Co resist /h
 excellent grain type
 Adm Watch
 -16 4656

4657

F3-B4551-17, BBTx (TPxR-SBR)
H55 A1

4658

-18

4659

-19

4660

CT-8975(R-N), check

41

4661

-20

as rank as 4660 on 8/10

4662

-21

4663

-22

4664

-23

F₃-B455A1-24, BBTx(TPxR-SBR)
 455A1 4665

-25 4666

-26 4667

-27 4668

HN

-28 4669

-29 4670

-30 4671

HN

F₃-B455B2-1,
 B455B2 " 4672

4673 F3-B455B2-2, BBTx (TPxR-SBR)
B455B2

4674 -3

4675 -4

4676 1st head 9/1, -5

4677 1st head 9/1, -6

4678 -7

4679 -8

4680 Fortuna, check

F3-B455B2-9, BBTx (TPxR-SBR)
B455B2 9/2 4681

-10

4682

-11

4683

-12

4684

-13

4685

-14

4686

-15

4687

-16

4688

4689

F3-B455B2-17, BBTx(TPxR-SBR)
B455B2

W

-18

4690

4691

F3-B457A1-1, BBTx CI8975(R-N)
A57A

4692

-2

4693

-3

4694

-4

4695

-5

4696

-6

F3-B457A1-7 BBTx CI-8975 (P-N)
457 H 4697

-8

4698

-9

4699

19 Bluebonnet, check

4700

-10

4701

-11

4702

HV

-12

4703

-13

4704

F3-B457A1-14, BBT x CI-8975(R-N)
457A

4705

-15

4706

-16

4707

-17

4708

-18

4709

-19

4710

-20

4711

-21

4712

457 F₃ - B457A1-22, BBT x CI-8975 (R-N) 4713

-23

4714

-24

4715

Hw

-25

4716

-26

4717

-27

4718

-28

4719

22 B403/A1-3-3, check

4720

4721 F3-B4510A1-1, Hill Sel x BBT
8/8/9-20 A510A1
16/27

4722 8/8/26 -2
14

4723 8/8/26 -3
14

4724 8/8/28 -4
16

4725 8/29 -5

4726 8/18 -6

4727 8/8/27 -7
13 reg.

4728 8/8/24 -8
13

F3-B4510A1-9, Hill Sel x BBT
4570 A1 8/22 9/2

4729

8/20

-10

4730

8/13 8/22

-11

4731

8/12 8/23

-12

4732

8/13 8/23

-13

4733

8/14 8/25

-14

4734

8/14 8/26

-15

4735

8/15 8/25

-16

4736

4737 F3-B4510A1-17, Hill Sel x BBT
8/16 8/27 4510A1

4738 8/17 8/28 -18

4739 8/24 -19

4740 Nira, Check 59

4741 8/18 9/2 -20

4742 8/17 8/27 -21

4743 8/27 -22

4744 8/14 8/25 -23

F₃-B4510A1-24, Hill Sel x BBT 4745
 4510A1^{8/22}

8/21 9/2 -25 4746

8/16^{8/27} -26 4747

8/24 -27 4748

8/14 -28 4749

8/17 -29 4750

-30 4751

-31 4752

4753 F3 - B4510A1-32, Hill Sel x BBT
A510FN

4754 8/18 9/1 -33

4755 8/18 9/1 -34

4756 8/15 8/25 -35

4757 8/27 9/2 -36

4758 8/18 9/2 -37

4759 8/17 9/28 -38

4760 CI-8975, (R-N) Check

F3-B4510A1-39, Hill Sel x BBT
 4510A1 8/12 4761

8/14 7/1 -40 4762

8/15 8/21 -41 4763

8/23 9/1 -42 4764

8/15 8/21 -43 4765

from here on (Row 4766-4800)
 the mat is later uniformly so, -44 4766

Do see the later cycle or a
 mud cap in material, culture.
 as per S to CO and as
 -45 4767

8/23 8/21 -46 4768

4768

looks like Hill x BBT
 material, however

4769 F3-B45/DAI-47, Hill Sel x BBT
H510A1

4770 8/28 -48

4771 -49

4772 -50

4773 -51

4774 -52

4775 -53

4776 -54

F3-B4510A1-55, Hill Sel x BBT 4777
4510A1

-56 4778

-57 4779

69 Fortuna, check 4780

-58 4781

-59 4782

-60 4783

-61 4784

4785

F3-B4510A1-62, Hill Sel x BBT
4510A1

4786

-63

4787

-64

4788

-65

4789

8/24

-66

4790

-67

4791

-68

4792

-69

F3-B4510A1-70, Hill Sel x BBT
 4510A1 4793

-71

4794

-72

4795

8/15 8/27

-73

4796

-74

4797

F3-B4512A1-1 " 9-20
 4512A1

4798

8/17 8/31

-2

4799

19 BBT, check

4800

4301 F3-B4512 AI-3, Hill Sel x BBT
8/19 8/31 4512 AI

4302 8/13 8/29 -4

*5 to 60 lent & early
fairly uniform maturity*

4303 8/15 8/29 -5

4304 8/13 8/25 -6

4305 8/13 8/24 -7

4306 8/16 9/1 -8

4307 8/16 9/1 -9

4308 8/14 -10

F3-B4512 A1-11, Hull Sel x BBT
 1512 A1 $\frac{8}{14}$ 4309

$\frac{8}{10}$ $\frac{8}{21}$ -12 4310

$\frac{8}{13}$ $\frac{8}{23}$ -13 4311

$\frac{8}{13}$ $\frac{8}{11}$ -14 4312

$\frac{8}{17}$ $\frac{8}{31}$ -15 4313

~~XXXXXXXXXX~~

$\frac{8}{17}$ $\frac{8}{15}$ -17 4314

$\frac{8}{13}$ $\frac{8}{26}$ -18 4315

4316 F3- B45/2A1-19, Hill Sel x BBT
8/14 4512A1

4317 8/13 8/24 -20
8/10
Very early BBT type
Imm mature

4318 8/13 8/27 -21
8/10

4319 8/15 8/26 -22

4320 Remark, Check
8/15 26

4321 8/15 8/24 -23
8/11

4322 8/15 8/24 -24
8/10

4323 8/15 8/24 -25
8/10

F3-B4512A1-26, Hill Sel x BBT
 512 A1 8/13 8/26 4324

8/18 8/31-27 4825

8/17 8/31-28 4826

8/11 8/22-29 4827

8/12 8/21-30 4328

8/21 9/1-31 4829

8/14 8/28-32
 BBT type
 salts removed
 before harvest 4830
 Hn

8/14 8/25-33 4331

4332 F3B45/2 A1-34, Hill Sci x BBT
8/15 8/25 4512 A1

4333 8/14 8/25 -35

4334 8/15 8/26 -36

4335 8/12 8/21 -37

4336 8/14 8/25 -38

4337 8/16 8/27 -39

4338 8/15 8/26 -40

4339 8/16 8/28 -41

59 Nira, check 4840

F3 B45/2A1-42, Hill & Selx BBA
8/13 8/21 4841

8/13 8/21-43 4842

8/21 8/31-44
cleaner plants for CO
than most rows 4843

8/14 8/28-45 4844

8/14 8/28-46 4845

8/15 8/25-47 4846

8/14 8/27-48 4847

4848 F3-B45/2A1-49, Hill Sel x BBT
8/16 8/27 4512A1

4849 8/15 8/27 -50

4850 8/1x 8/25 -51

4851 8/14 8/24 -52
8/11

4852 8/14 8/27 -53

4853 8/15 8/29 -54
8/11

4854 8/14 8/26 -55

4855 8/16 -56

F3 - B4512A1-57, Hill Sel x BBT
 4512A1 8/18 4856

8/18 8/24 -58 4857

8/19 8/31 -59 4858

8/14 -60 4859

61 CI-8975(R-N), check 4360

8/28 -61 4361

8/14 8/24 -62 4362

8/13 8/22 -63 4363
 fairly well maturity
 good growth & let.
 H/v

4364 F3-B4512A1-64, Hill Sel x BBT
8/16 8/30 4512A1

4365 8/16 8/30 -65

4366 8/16 8/26 -66

4367 8/16 8/31 -67

4368 8/14 8/24 -68

4369 8/15 8/24 -69

4370 8/13 8/24 -70

4371 8/15 8/25 -71

F3-B4512A1-72, Hill Sel xBBT
 4512 A1 8/14 8/31 4372

8/15-73 8/26 4873

8/17-74 4874

8/12-75 8/26 4875

8/14-76 8/25 4876

8/14-77 8/26 4877

8/14-78 8/26 4878

8/22-79 4879

4380 Fortuna, Check

69

4381 F3-B45/2A1-80, Hill/Se/ x BBT
8/22

4382 8/13 8/23 -81
8/11

4383 8/13 8/23 -82

4384 8/14 8/23 -83

4385 8/17 8/30 -84

4386 8/17 8/30 -85

4387 8/14 8/25 -86

F3-B4512A1-87, Hill Sel x BBT
 4512 A1 8/14 8/25 4388

8/14 9/1 -88 4389

1560 8/12 -89 4390
 reg.

8/28 -90 4391

8/12 8/23 -91 4392

8/14 8/25 -92 4393

8/14 8/27 -93 4394

8/15 8/27 -94 4395

4396 F3-B4512A1-95, Hill Sel x BBT
8/14 8/29 4512A1

4397 8/14 8/25 -96

4398 8/14 8/25 -97

4399 8/14 9/2 -98

4900 BBT, Check 19

4901 8/17 9/31 -100

4902 8/14 8/25 -101

W/ Unr Early
Variable bit. all strain

4903 8/15 -102

F3-B4512A1-103, Hill/Se1xBBT 4304
 512 A1 8/14 8/25

8/14 8/27 -104 4305

8/14 8/26 -105 4306

8/14 8/26 -106 4307

8/22 -107 4308

8/14 8/27 -108 4309

8/15 9/1 -109 4910

8/14 8/28 -110 4911

4312 F3 - B45/2A1-III, Hill Sel x BBT
8/17 8/31 A512 H1

4313 8/16 8/27 - 112

4314 8/23 - 113

W med early Early as Zennit
uniform heading
with tail, all gold & good

4315 8/14 8/24 - 114

4316 8/15 8/27 - 115

4317 8/14 8/24 - 116

4318 8/14 8/25 - 117

4319 8/14 8/25 - 118

~~F3-B4512A1-119, Hill Sel x BBT~~
 Remark, Check

4920

F3-B4512A1 -120, Hill Sel x BBT
 8/22 9/1

4921

8/21 9/2 -121

4922

8/15 9/2 -122

4923

8/21 -123

4924

8/21 -124

4925

-125

4926

-126

4927

Intro book 4766-4800

4328 F3-B4512A1-127, H.11 Sel x 88T
A512A1

4329 -128

4330 -129

4331 -130

4332 -131

4333 -132

4334 -133

4335 -134

F3-B45/2A1-135, Hill Selx BBT
512 A1 4336

-136

4937

-137

4338

-138

4939

9 Nira, Check

4940

-139

4941

-140

4942

-141

4943

4344

F3 - B45/2A1-142, Hill Selx BBT
4512 A1

4345

-143

4346

-144

4347

-145

4348

-146

4349

8/28

-147

4350

-148

4351

8/13 8/24

-149

F₃- B4512A1-150, Hill Sel x BBT
 512A1 8/22 4952

8/13 8/24 -151 4953

-152 4954

-153 4955

248 B4044A3-1-1-22, R-SBR x BR 4956
 Mid Long-spr hd. rows

" 4957

" 4958

" 4959

4960

B347B40-9 ~~Set~~, Rx N, Check
61

4961

B4044A3-1-1-2-3, R-SBR x BR
"

4962

"

4963

"

4964

"

4965

"

4966

"

4967

"

48 B4044A3-1-1-2 ~~W~~ R-3 BR x BR 4968

44 B3812A1-2-2 ^{July 47-1} (1645-5309X S-F) 4969

9/1 " -2 4970

" -3 4971

" -4 4972

" -5 4973

" -6 4974

Early & UNKNOWN 9/1 4975

4976

Early + Unknown

4977 Bluebonnet Se 1848-4977
Early BBT hd. from P.I.
HV. 8-4-47

4978

BBT Bay City 8-29-47
AA Plot of Willis'

4979 ^{8/27}

4980

49

4981

4982

4983

ANA BBT 9

Bluebonnet, Sel

RNA

BBT

9
B48-4984,

4984

4985

4986

4987

4988

4989

4990

4991

4992 Bluebonnet Sel
ANA BBT 9

4993

4994

4995

4996

4997

BBT J.W.T.
9-11-44

4998

4999

19 Bluebonnet Check 5000

Bluebonnet Set 5001

5002

5003

Tall light green 8/10

5004

V. tall dark m 8/10

5005

CO resistant mra type
Prob much shorter than mra

Tall dark, 8/10

5006

5007

5008 Bluebonnet Sel
BBT JWT
9-11-44

5009 (fall wide leaves on 8/10)

5010 (fall 8/10)

5011 v. tall dark on 9/10

5012

5013

5014

5015

Bluebonnet Sel

BBT JWW

5016

gold hulk, good Patna grain type

5017

5018

5019

Remark, Check

26

5020

Bluebonnet Sel

BBT #MB

9-11-47

Faster than Remark on 8/10

5021

5022

5023

5024

Bluebonnet Sel
BBT HMB

5025

5026

5027

5028

5029

5030

a very slender grass type

5031

Bluebonnet Sel

BBT HMB

5032

5033

5034

5035

all rough hanks

5036

much shorter than the
adjacent row, v. good,

5037

5038

5039

5040

Nira, Check

59

5041

Bluebonnet Sel

Gold Hull Plant IN
NOLTC found. BBT field
HV. 9-22-47

5042

5043

Possible flavor from
BBT MITCHELL

5044

5045

Flavored BBT
MITCHELL

5046

BBT NOT classified
(flavored?) MITCHELL

5047

Bluebonnet Sel

BBT NOT Classified

5048

5049

5050

Exceptionally tall or 8/10 taller than Nina

5051

Possible *Thysanotus* in BBT
NOTE found. field 9-22-47

5052

Sowed
several plants
which may be
Thysanotus

5053

B347B40-9 RxN, Sel

5056

Extremely small seeded
R-N THAT SHATTERS very
Badly Hv. 11-6-47

5057

¹⁻¹
B46-4248 ~~Blue~~ bonnet 3357 Sel

5058

-2

5059

-3

5060

B347B40-9, RxN, Check

61

5061

-4

5062

-5

5063

-6

HV

gold hull pattern type

V. Good

most uniform Pt

3357 B46-4248-7, Bluebonnet Sel 5064

Same as Plot #95 in
field notes.

Shorter straw than 4248-2 family.
All appears reasonably uniform as to height.

-8

5065

-9

5066

-10

5067

-11

5068

gram OK in all rows

3345 B46-4248-2-1, " 5069

-2

5070

-3

5071

5072

B46-4248-2-4, Bluebonnets.
3365

5073

-5

5074

W Very good straw -6
gold hulls, grain almost white
all lines are much alike

5075

-7

5076

-8

5077

B46-4257-7-1

"
3382

5078

-2

5079

-3

69 Fortuna, Check

5080

B46-4257-7-4, Bluebonnet Sel

5081

only fair in yield
 more.
 However, early season growth was
 better than Sept,

-5

5082

-6

5083

-7

5084

-8

5085

-9

5086

-10

5087

5088

B46-6148-1, Bluebonnet Sel
3502

5089

-2

5090

-3

5091

-4

5092

-5

5093

-6

5094

-7

5095

-8

over ripe when cele most plants
land ~~at~~ standing plants only that more R

same W resistant types only

lodged
to

B46-6148-9, Bluebonnet Sel 5096
 3502

-10

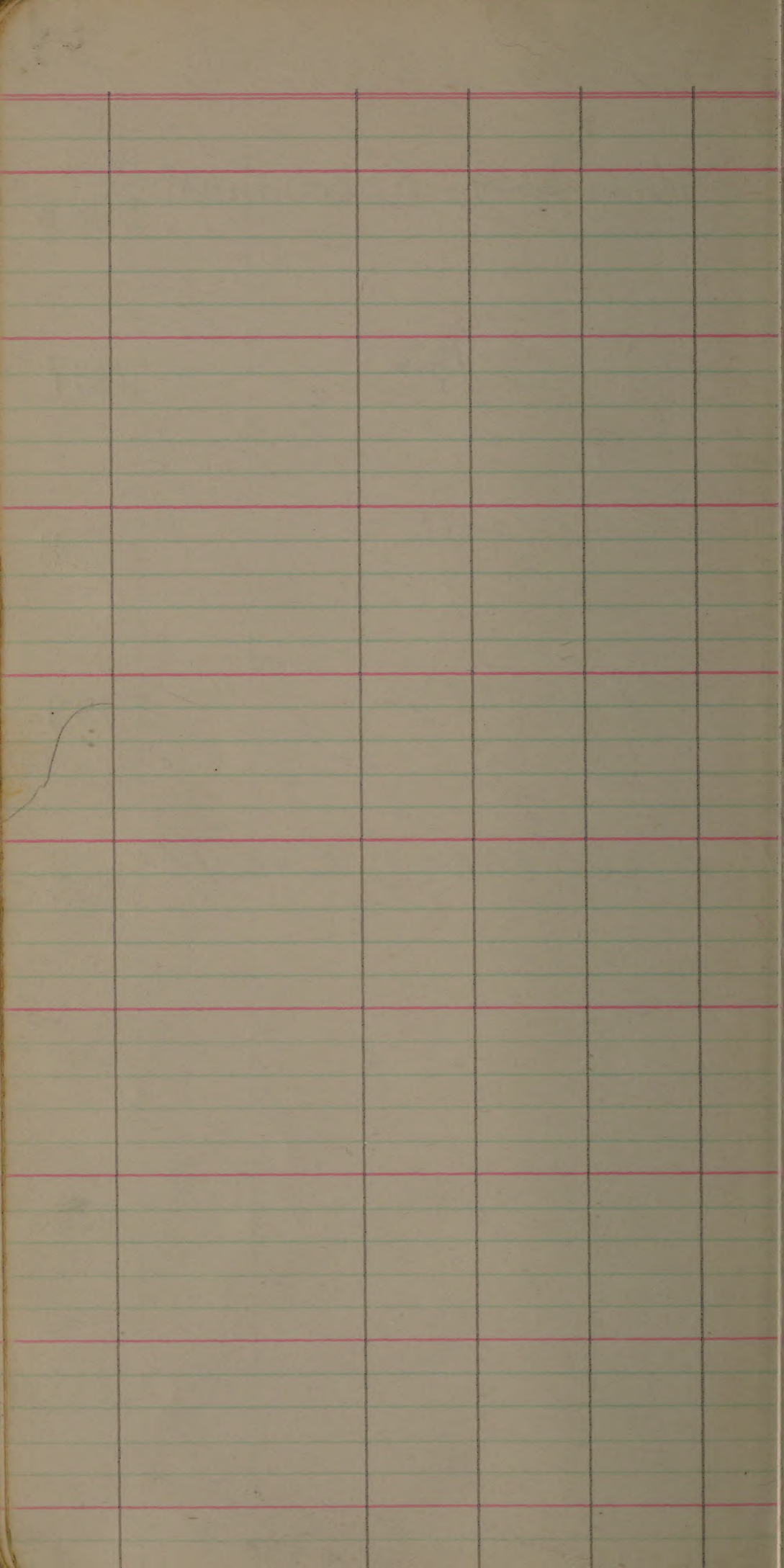
5097

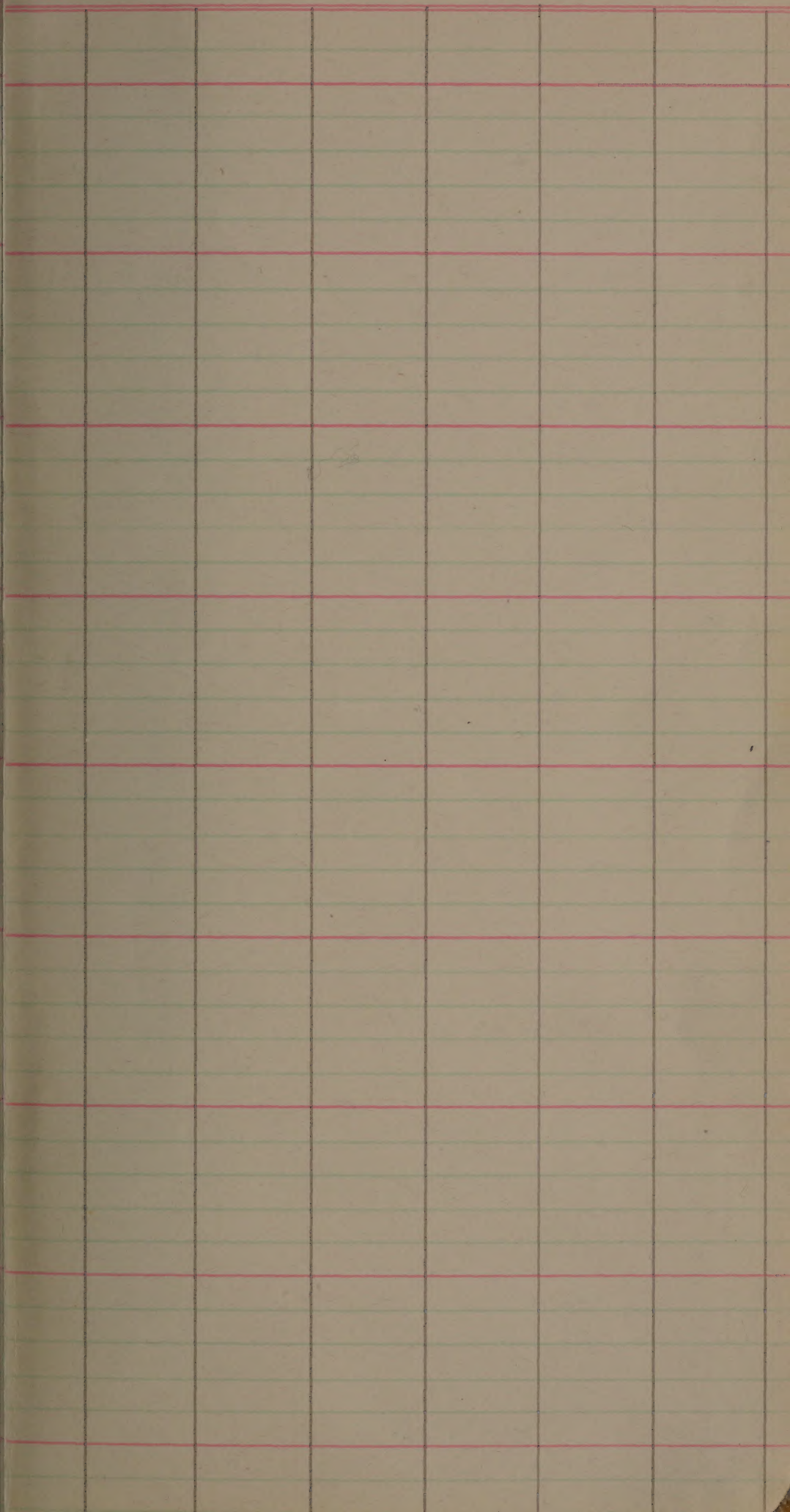
-11

5098

B48-5099, " 5099
 3590 to 99

19 Bluebonnet, Check 5100





3601 to 3607

3608 to 3614

3619

3642

3651

3655

3817 *limited 1/2*

3922

3910

3864

3889

4581

CO = 5

4583

CO = 0

4648

4655

4668

4671

4689

4702

4715

Handled to here

5063

5057 to 5068

3641

3655

54

4014

4166

4179

4496

4470

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

worked to 6010 on nov 30
completed.

Show 6089 to Jones
Smooth gold Jap
fairly early

6334 smooth Jap
for Jones

6062 - Sep. length, smooth, as
slender & B.Bt, some grains along

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

5101

B48-5101, Bluebonnet Sel
3590 TO 99

5102

5103

5104

5105

Call

5106

100

5107

5108

B48-5109, Bluebonnet Sel
3590 To 99 5109

5110

5111

B47-3599-1, Bluebonnet Sel
3599 5112

-2

5113

-3

5114

-4

5115

-5

5116

5117 B47-3599-6, Bluebonnet Se.
3599

5118 *all* -7

5119 *so* -8

5120 Remark, Check

5121 B47-3599-9,

5122 B47-3741-1

"
3741
seg. Grain size & shape

5123 -2

5124 -3

B47-3741-4, Bluebonnet Sel. 5125
3741

Same as plot 92 in yield
had better grain than BBT but good

-5
Best grain type

5126

No

-6

5127

-7

5128

-8

5129

-9

5130

-10

5131

-11

5132

5133

B47-3741-12, Bluebonnet Se

3741

5134

-13

5135

-14

5136

B47-3743-1,

"

3743

EXCELLENT

5137

-2

5138

-3

5139

-4

5140

Nira, Check

59

3743 B47-3743-5, Bluebonnet Sel 5141

-6 5142

-7 5143

-8 5144

-9 5145

-10 5146

-11 5147

-12 5148

Plot #9 in yield. means.
was one of very best.
constant.

5143 B47-3743-13, BBT Sel
3743

5150 8/27 -14

see Row
not typical of others
Very short stair

5151 -15

5152 8/27 -16

5153 -17

5154 -18

5155 B47-3756-1, " 3756

5156 -2

B47-3756-3, BBT Sel

5157

-4

5158

-5

5159

B347B409, R-N, ~~S-1~~ *check*

5160

-6

5161

-7

5162

-8

5163

-9

5164

5165

B47-3756-10, BBT Sel
3754

5166

-11

5167

B47-3745-1, " 3745

5168

-2

5169

-3

5170

-4

5171

~~By the wood Nira~~
~~B47-5016-1~~ 5014
B47-5016-1, RxF

5172

-2

~~B47-5016-38 By the Wood Ntra~~
 5016 B47-5016-3, RxF 5173

-4

5174

-5

5175

5019 B47-5019-4, " 5176

-2

5177

-3

5178

B322 B47-1, RxF
 (10-22-47) From Bulk Plot
 Midseason Picked for gType 5179

5180

5181 B322B47-2, R x F

B322B47

5182 -3

5183 -4

5184 -5

5185 -6

5186 -7

5187 -8

5188 -9

B322B47-10, RxF
B322B47 5189

-11

5190

B3412B47-18 CA-R
B3412B47 from BW/K PLOT
515 10-22-47 5191

-2

5192

B352A11-2-3-2, R x R
3798 -1 5193

-2

5194

-3

5195

-f

5196

5197 B352411-2-3-2, K+R
-5 3798

5198

-6

5199

"

-7

3799

5200

-8

19

5201

-9

5202

-10

5203

-11

5204

-12

3799

B352A11-2-3-2, KxR

5205

-13

3800

~~B347B40-9 RxA Sel Roque~~

B47-3806-1, 8975 Roque 5206

-2

5207

-3

5208

-4

5209

-5

5210

-6

5211

-7

5212

5213

~~B347B40-RxN~~ Rogue
B47-3806-8 3804

5214

-9

5215

-10

5216

-11

5217

-12

5218

B48-5218, RxN Rogue
3817-34

5219

5219

5220

5220

B48-5221, RxN Rogue 5221
3817-34

5222

5223

5224

5225

5226

5227

5228

5229 B48-5229 RxN Rogue 3817-34

5230

5231

5232

5233

5234

5235

5236

B48-5237, RxN Rogue 5237
3817-34

~~B347B40-9, RxN~~ Rogue 5238
3845 B46-4489-1-1, 8975 Rogue

-2

5239

Nira Check

5240

-3

5241

-4

5242

-5

5243

-6

5244

59 in. Height about my growth on 9/10

5245 B347B40-9, RxN Sel.
B46-4489-2-1 3850

5246 -2

5247 -3

5248 -4

5249 -5

5250

Very tall neg. growth on 8/10

5251 ⁴⁵¹⁴⁻¹ B46-~~4503-1-1~~ RxN (8975 Roy)
3917 to 30

5252 -BA-1A

B46-~~4503~~⁴⁵¹⁴⁻²-~~3~~, Rx N (8975 Rogue)
 3917 Tb3D 5253

-3

5254

-4

5255

-5

5256

-6

5257

-7

5258

-8

5259

41 CI-8975, Check (RxN) 5260

5261

B46-4514-9, RxN (8975 Rogue)
3917 To 30

5262

~~B46-4514-9~~
45-2437-1-1

"

3932

5263

-2

5264

-3

5265

-4

5266

-5

5267

-6

5268

~~B48-5268~~
B48-5268, RxN (8975 Rogue)
3935 To 65

B48-5269, Rx N (8975 Rogue)
 3935 To 45

5269

5270

5271

5272

5273

5274

5275

B45-2442-1,
 3938 To 49

"

5276

845-2442-2
~~848-5277~~ RxN (8975 Rogue)

39387049

5277

-3-

5278

-4-

5279

5280

Fortuna, check

49

-5-

5281

-6-

5282

-7-

5283

-8-

5284

B45-2442-9
~~B45-2442-9~~
~~B44-58~~
~~B48-5985~~, RxN (8975 Rogue)
 3945 TO 90

5285

¹⁰
~~10~~

5286

~~11~~ 11

5287

~~12~~ -12

5288

~~13~~ -13

5289

~~14~~ -14

5290

~~15~~ -15

5291

~~16~~ -16

5292

6.

B45-2442-17
~~B45-2442-17~~
~~B48-5295~~, RxN (2475 Reque)
3965690

5293

~~18~~-18

5294

~~19~~-19

5295

~~20~~-20

5296

~~21~~-21

5297

~~22~~-22

5298

~~23~~-23

5299

Bluebonnet, check

5300

B45-2442-24
~~B48-5301~~, RxN (8975 Rogue) 5301

3945
 TD
 90

~~B44-58+~~
 3990 B45-2442-25-1 5302

TD
 15

-2

5303

-3

5304

-4

5305

-5

5306

-6

5307

-7

5308

5309

B45-2442-25-8, RxN (8975 Rogu
39907095

5310

-9

"

5311

B45-2442-26-1

3996-4011

5312

-2

5313

-3

Dr

5314

-4

5315

-5

Dr

5313+15 are standing much
better than other rows on 11/28.
CO resistant & very good

5316

-6

B45-2442-26-7, RxN(8975 Poque)
994 TO 4011 5317

-8

5318

-9

5319

24 Remark, Check

5320

-10

5321

-11

5322

-12

5323

-13

5324

B45-2442-26-14, Rx N (8975 Roque)
3994-4011

5325

-15

5326

-16

5327

-17

5328

-18

5329

-19

5330

-20

5331

-21

5332

B45-2442-26-22, RxN(8975R₉₄)
 5996-4011 5333

-23

5334

-24

5335

-25

5336

-26

5337

B45-2442-27-1,

"

5338

-2

5339

-3

5340

5341

B45-2442-27-4, RxN(8975K090)
A013 To 18

5342

-5

5343

-6

5344

B45-2442-28-1

"
A018 To 24

5345

-2

5346

-3

5347

-4

5348

-5

B45-2442-28-6, Rx N, (8975Rogue)

5349

V. good R-N type row
 straw hull type
 1318 gram.

Hr

-7

5350

-8

5351

-9

5352

-10

5353

-11

5354

B45-2442-29-1,

"

5355

-2

5356

5357

B45-2442-29-3, RxN/8975 Roque

AD277034

5358

-4

5359

-5

5360

-6

41

5361

-7

5362

-8

5363

-9

5364

-10

B45-2442-29-11, RxN(8975 Rogue)
D35 To 38

5365

-12

5366

-13

5367

B44-5103-1, Purple Plant
D44 To 47

5368

- 2

5369

- 3

5370

- 4

5371

- 5

5372

B44-5103-6, Purple Plant

4044 7047

5373

-7

5374

-8

5375

-9

5376

-10

5377

-11

5378

-12

5379

Fortuna, check

5380

69

B44-5103-13, Purple Plant 5381
 244 TO 47

-14 5382

-15 5383

-16 5384

-17 5385

Purple Plant 5386
 248 TO 57
 B44-5105-1

"
 -12 5387

"
 -13 5388

5389	1344-5105-4	Purple Plant	ADA87057
5390	-5		
5391	-6		
5392	-7		
5393	-8		
5394	-96		
5395	-10		
5396	-11		

Purple plant

DA87657

B44-5105-12

5397

-30-13

5398

-31-14

5399

Bluebonnet, check

5400

-32-15

5401

-33-16

5402

-34-17

5403

-35-18

5404

5405 1344-5105 - Purple Plant

HDA87057

5406

-20

848-5407 (8975 RxN)

5407

sturdy, v. short stem
Sund v. good Patna grain
Sep. grain

Straw Hull (C.D. resist)
and unusual Golds R-N
field 11-5-47

5408

5409

5410

5411

5412

B48-5413, (8975 RxN)

Trawl Hull (C.D. resist?)
and unusual Golds R-N field
1-5-47

5413

5414

5415

5416

5417

5418

5419

6 Remark, check

5420

B48-5421, (8975, RxN)

5421

STraw Hull (C.D. ASSIST?)
and unusual Bolds
R-N field 11-5-47

5422

5423

5424

5425

5426

5427

5428

848-5429, (8975, R x N)

Traw Hull (C.O. resist?) and
unusual Golds R-N field

1-5-47

5429

5430

5431

5432

5433

R x N 5 Traw & unusual / Golds
R-N fields 11-6-47

5434

5435

5436

B48-5437, RxN (8975).

5437

RxN STAWDUNUSUA
Golds R-N Fields 11-6-4

5438

5439

Nira, Check

5440

59

5441

5442

5443

5444

B48-5437, (8975, R x N)
XN straw & unusual folds R-N
fields 11-6-47

5445

5446

5447

5448

5449

5450

5451

5452

5453

B 48-5453, (8975, Rx N)

RXN, straw & unusua
Golds R-N fields
11-6-47

5454

5455

5456

5457

5458

8st head 8/17

5459

5460

(61)

RxN Straw & unusual Golds 5461
R-N fields 11-6-47

7-270 (RXN) v. Early sel. 5462
RIPE 9-7-47

Large Seeded from R-N 5463
fields 10-21-47

Very Large Seeded sel from 5464
SXR 1718T #73 10-10-47

Tuttgart S47-3621 44H70 5465
Large Leaf spots Either Phys.
or H.D.

5466

F5-B433A2-6-3-1, B41-3299x(R-SBRxBR4) 5467
1/48

-2

5468

F5-B433A 2-6-2-3 [B41-3299X(R-SBRxBR4)
2168

5469

-4

5470

-5

5471

-6

5472

-7

5473

-8

5474

-9

5475

-10

5476

168 F5-8433A2-6-3-11, [B41-3299 x (R-SBR x BR41)] 5477

-12

5478

-13

5479

9 Fortuna, Check

5480

171 F5-8433A2-6-6-K,

"

5481

-2

5482

-3

5483

-4

5484

5485

FS-B433A2-6-6-5, [B41-3299x(R-SBRxBRV

2171

5486

-6

5487

-7

5488

-8

5489

-9

5490

-10

5491

-11

5492

FS-B433A2-6-10-1

2175

FS-B433A2-6-10-2 [B41-3299x(R-SBRxBR41)]
175 5493

-3

5494

-4

5495

-5

5496

-6

5497

-7

5498

-8

5499

9 Bluebonnet, Check

5500

5501

B3810B44-28-7/5-EPxCAxCLy
2109

5502

-2

5503

-3

5504

-4

5505

-5

5506

-6

5507

purple Mica

245

5508

45

5509

F5-B433A2-7-1841-3299x(R-SBR x BRW)
198

5510

-2

5511

-3

5512

-4

5513

-5

5514

-6

5515

-7

5516

5517 F5-B433A2-7-8, B41-3299x(R.SBRxBR41)
2198

5518 BK-HxBR Rogue B46-3046-1
AR13 TO 28

-2

5519

5520 Remark, Check

24

5521 B46-3046-2

-4

5522

-5

5523

-6

5524

Are mid- or smooth types
a cross between K-HxBR and a smooth
type, some quite early. Sued punched
of early types on 9/28

B46-3046-7, K-H x BR Rogue

213 To 28

Extremely early types present (Sand
which shatter profusely
good smooth mud type)

5525

-8

5526

-9

5527

-10

5528

-11

5529

B47-5014-1, Bythewood Nira

214

5530

-2

5531

-3

5532

5533

B47-5014-4, Bythewood Nira
5014

5534

-5

5535

-6

5536

-7

5537

-8

5538

-9

5539

-10

5540

Nira Check

59

B47-5014-11, Bythewood Nira

5541

-12

5542

-13

5543

-14

5544

-15

5545

-16

5546

-17

5547

-18

5548

5549

847-5014-19, Bythewood Nira
501A

5550

-20

5551

-21

5552

B343B47-1, N x K

509

5553

-2

5554

-3

5555

-4

5556

-5

Have short sturdy stems -
Probably rather late maturity
Sl. green. Top of Resistant
and are highly Resistant
H. O.
to

09 B343B47-6, Nxr

5557

-7

5558

-8

5559

01 RxN (CD-8975), Check

5560

-9

5561

-10

5562

-11

5563

-12

5564

B343B47-13, N x R

5565

509

-14

5566

-15

5567

15 heads from a
single plant mid-season
slender grain single
wild plot

-16

5568

-17

5569

F3-B4555A1-1, Bruin. Sel x 8326

5570

H555A1

-2

5571

-3

5572

F₃ - B4555A1-4, Bruin Sel x 8326
555 A1

5573

-5

5574

-6

5575

-7

5576

-8

5577

-9

5578

-10

5579

29 Caloro, Check

5580

F3-B4555A1-11, Bruin Sel x 8326

4555 A11

5581

-12

5582

-13

5583

-14

5584

-15

5585

-16

5586

-17

5587

-18

5588

F3-B4555A1-19, BruinSel. x 8326
+555 A1

5589

-20

5590

-21

5591

-22

5592

-23

5593

-24

5594

-25

5595

-26

5596

5597 F3: B4555A1-27, Bruin Selx 8326
4555A1

5598 -28

5599 -29

5600 - 94

5601 9/1 -30

5602 9/1 -31

5603 -32

5604 9/1 -33

F3-B4555A1-34, Bruin Selx 8326
555A1 5605

8/17

-35

5606

8/17

-36

5607

8/27

-37

5608

8/27

-38

5609

-39

5610

8/27

-40

5611

8/1

-41

5612

5613 *F3-B4555A1-42, Bruin Sel x 8326*
8/26 *4555 A1*

5614 *8/26* -43

5615 -44

5616 *8/27* -45

5617 *8/27* -46

5618 -47

5619 -48

5620 *8/27*

F3 - B4555A1-49, Bruin Sel x 8326

1555A1 8/27

5621

8/27

-50

5622

8/27

-51

5623

-52

5624

8/27

-53

5625

8/31

-54

5626

8/28

-55

5627

F3 - B4559A1-1, Bruin Sel x BR

1559A1 8/28

5628

68
F3-B4559A1-2, Bruin Selx BR
5629 4559A1

5630 9/1 -3

5631 9/1 -4

5632 9/1 -5

5633 8/31 -6

5634 9/1 -7

5635 9/1 -8

5636 9/1 -9

F3-B4559A1-10, Bruin Selx BR
+5597/1

5637

-11

5638

-12

5639

-13

5640

-14

5641

8/30

-15

5642

-16

5643

-17

5644

F3-B4559A/-18, Bruin Sol x BR

A559A/

5645

-19

5646

-20

5647

-21

5648

8/30

-22

5649

-23

5650

-24

5651

8/30

-25

5652

F3-B4559A1-26, BruinSelxRR
559A1

5653

-27

5654

9/1

-28

5655

-29

5656

-30

5657

8/24

-31

5658

-32

5659

Caloro, Check

5660

5661 ^{8/30} *F₃-B4559A1-33; Brain Sel/x BR*
A559A1

5662 -34

5663 -35

5664 -36

5665 -37

5666 ^{9/1} -38

5667 -39

5668 *Very green*
draw on 11/30 -40

F3-84559A1-41, Bruin Sel x RR
559A1 5669

-42

5670

-43

5671

-44

5672

-45

5673

-46

5674

-47

5675

-48

5676

5677 F₃-B4559A1-49, Brain Sel x BR
4559A1

5678 -50

5679 8/29 -51

5680 96

5681 -52

5682 -53

5683 8/26 -54

5684 -55

F3-B4559A1-56, Bruin Sel x PR
4559A1 8/30 5685

-57

5686

-58

5687

-59

5688

8/30

-60

5689

-61

5690

-62

5691

-63

5692

5693 $\frac{9}{1}$ F3. B4559A1-64, Bruin Sel x BR
4559A1

5694 -65

5695 $\frac{9}{1}$ -66

5696 $\frac{9}{1}$ -67

5697 -68

5698 -69

5699 -70

5700

F3-B4559A1-71, Bruin Sel x BR
4559A1 5701

-72

5702

-73

5703

-74

5704

-75

5705

-76

5706

-77

5707

-78

5708

83
F3-B4559A1-79, Brain Sc/x BR
4559A1

5709 9/1 -80

5711 -81

5712 -82

5713 9/1 -83

5714 -84

5715 -85

5716 -86

F₃-B4559A2-87, Bruin Selx BR
559A2

5717

-88

5718

-89

5719

98

5720

-90

5721

-91

5722

-92

5723

-93

5724

F3-B4559A2-94 Bruin Sel x BR

A559 A2

5725

-95

5726

-96

5727

-97

5728

-98

5729

-99

5730

-100

5731

-101

5732

F3-B4559A2-1, Bruin Sel x BR
H559A2 5733

-2

5734

-3

5735

-4

5736

-5

5737

-6

5738

-7

5739

89 Caloro, check.

5740

F3-B4559A2-8, Bruin Sel x BR
4559AR

5741

-9

5742

-10

5743

-11

5744 ^{9/1}

-12

5745 ^{9/1}

-13

5746 ^{9/2}

-14

5747 ^{9/2}

-15

5748

F3-B4559A2-16, Bruin Sel x BR
 4559A2 5749

-17

5750

-18

5751

8/24 -19

5752

F3-B4564A1-1, Bruin Sel x Z
 1544 A1 8/24 9-5-47 5753

8/27 -2

5754

8/28 -3

5755

8/30 -4

5756

F3-B 4564A1-5, Brain Sel x 1/2
5757 8/26 4564A 71

5758 8/24 -6

5759 8/21 8/31 -7

5760 94

5761 8/28 -8

5762 8/23 -9

F3-B 4564A2-1
5763 8/21 8/31 12/2 " 4564A 72

5764 8/23 -2

F3-B4564A2-3, Bruin Sel x Z
4564A2 8/23

5765

8/24 -4

5766

8/24 -5

5767

-6

5768

8/23 -7

5769

8/23 -8

5770

-9

5771

8/24 -10

5772

5773 $\frac{8}{22}$ $\frac{9}{1}$ $F_3 - B4564A2 - 11, \text{Bruin Sel} \times Z$ $\frac{4544}{AR}$

5774 $\frac{8}{22}$ $\frac{9}{1}$ -12

5775 -13

5776 $\frac{8}{23}$ -14

5777 $\frac{8}{24}$ -15

5778 $\frac{8}{25}$ -16

5779 -17

5780

97

F₃-B4564A2-18, Brain Sel x Z
A544 A2 5781

8/23 -19 5782

8/21 8/31 -20 5783

-21 5784

8/23 9/2 -22 5785

-23 5786

8/24 -24 5787

-25 5788

42
F3-84564A2-26, Bruin Solx Z
5789 8/29 4544 A2

5790 8/28 -27

5791 8/23 -28

5792 -29

5793 -30

5794 8/24 -31

5795 8/24 -32

5796 8/24 -33

F3-B4564A2-34, Bruin Selx Z
4544 A2 5797

8/24 -35 5798

-36 5799

98 5800

8/17 -37 5801

8/19 -38 5802

8/18 -39 5803

8/16 8/26 -40 5804

5805 F3-B4564A2-41, Bruin Sel x Z
8/16 8/26 456A 72

5806 8/15 8/25 -42

5807 8/19 -43

5808 -44

5809 8/23 -45

5810 -46

5811 -47

5812 8/23 -48

F₃-B4564A2-49, Bruin Selx Z
 4564 A2 8/20 9/1 5813

8/23 -50

5814

8/20 9/2 -51

5815

8/30 -52

5816

8/20 8/30 -53

5817

8/22 9/1 -54

5818

8/22 9/1 -55

5819

89 Caloro, Check

5820

5821

F3-B4564A2-56, BrumSel x 2
8/16 8/24
A564 A2

5822

8/19

-57

5823

8/30

-58

5824

8/18 8/27

-59

5825

8/15 8/25

-60

5826

-61

5827

8/19

-62

5828

8/23 9/3

-63

F3-B4564A2-64, BrainSel x2
4564A2 5829

8/17 8/27 -65 5830

8/23 -66 5831

8/22 9/3 -67 5832

-68 5833

8/20 9/1 -69 5834

8/20 9/1 -70 5835

8/20 8/30 -71 5836

5837

F3-B4564A2-72, BruinSelx2

A564A2

5838

8/22 9/1

-73

5839

8/31

-74

5840

9/1

-

94

5841

8/26

-75

5842

8/26

-76

5843

F3-B4564A3-1,

12/2

"

A564A3

5844

-2

F3-B4564A3-3, Bruin Sel x Z
564 A3

5845

-4

5846

-5

5847

8/30

-6

5848

-7

5849

8/31

-8

5850

-9

5851

-10

5852

5853 F3-B4564A3-11, Bruin Sel x Z
4564 A3

5854 -12

5855 8/31 -13

5856 -14

5857 -15

5858 -16

5859 -17

5860 9/1 97

F3-B4564A3-18, Bruin Selx Z
564A3 5861

-19 5862

-20 5863

-21 5864

-22 5865

-23 5866

-24 5867

-25 5868

5869

F3-B4564A3-26, Bruin Selx Z
4544 H3

5870

-27

5871

-28

5872

-29

5873

-30

5874

-31

5875

8/24

-32

5876

-33

F3-4564A3-24, Bruin Sel x ²
564 A3 5877

F5-B4313A2-57-1, SmBR^{BR41} x F-Red
314 To 22 8/15/25 5878

8/15-8/25 -2 5879

8 5880

8/14 8/25 -3 5881

8/14 8/24 -4 5882

8/14 8/24 -5 5883

-6 5884

5885	8/16 8/27	F5- B4313A2-57-7, Sm BR ⁴ x F-Red 4316 To 22
5886	8/16 8/27	-8
5887	8/27	-9
5888	8/27 Uniform	-10
5889	8/16 8/26	-11
5890		-12
5891	8/16 8/26	-13
5892	8/27	-14

F5-B4313A 2-57-15, 314 To 22 8/28	SMBR ^{BR41} x F-Red	5893
8/28	-16	5894
8/15 8/26	-17	5895
8/16 8/26	-18	5896
F5-B4321A3-21-2-1, 325 To 27	BR41x F-Red	5897
	-2	5898
	-3	5899
Caloro, Check.		5900

5901

F5-B4321A3-21-2-4, BR41xFR1
43257027

5902

-5

5903

-6

5904

-7

5905

-8

5906

-9

5907

-10

5908

-11

FS-B432/A3-21-2-12, BR4/x F-Red
325 to 27 5909

-13 5910

-14 5911

-15 5912

FS-B4313A2-57-2-1, SmBR^{BR4}x F-Red
315 5913

-2 5914

-3 5915

-4 5916

5917 F5-B4313A2-57-2-5, SmbR-BR4XF-Red
A315

5918 -6

5919 -7

5920 96

5921 F5 B4313A2-57-3-1, " 4307612

5922 -2

5923 -3

5924 -4

F5-B4313A2-57-3-5, SmbR-BR41x F-Rad
4307 To 12 5925

-6 5926

-7 5927

F5-B4313A2-57-4-1, " 5928
4313

-2 5929

-3 5930

-4 5931

-5 5932

5933

F5-B43/3A2-57-4-6, S MBR-BR41x F-Rod

A313

5934

-7

5935

F5-B43/0A1-46-1, S MBR-BR41x BR41-EP

A301 1004

5936

-2

5937

-3

5938

-4

5939

-5

5940

97

FS-B4310A1-46-6, S MBR-BR41 x BR41-EP
4301 TO 04

5941

-7

5942

-8

5943

-9

5944

-10

5945

-11

5946

-12

5947

-13

5948

5949

F5-B4310A1-45-1, SM BR-BR41xBR4-EP

A289 TO 96 5 in
700 Broad 4 5/27

5950

-2

5951

-3

5952

-4

5953

F5-B438A1-104-8-1, SM BR-BR41x8326

A282 TO 88

5954

-2

5955

-3

5956

-4

FS-B438A1-104-8-5, SMBR-BR41x8326
281 to 88 5957

-6

5958

-7

5959

78

5960

-8

5961

-9

5962

-10

5963

-11

5964

5965

F5-B438A1-104-8-12, SMDR-BR41 x8326

4282 to 88

5966

-13

5967

-14

5968

-15

5969

-16

5970

-17

missing, not seen

5971

-18

5972

-19

F5-B438A1-51-8-1, S MBR-BR41 x 8326
+281 5973

-2

5974

-3

5975

-4

5976

-5

5977

-6

5978

-7

5979

89 Caloro, check.

5980

32
5981

FS-B438A1-46-1-1, S MBR-BR41x8326

A2677072

5982

-2

5983

-3

5984

-4

5985

-5

5986

-6

5987

-7

5988

FS-B438A1-21-1-1,

"

A2737079

F5- B438A1-51-1-2, SMBR-BR41x 8326
273 To 79 5989

-3

5990

-4

5991

-5

5992

-6

5993

-7

5994

-8

5995

-9

5996

5997

F5-B438A1-15-1-1, S MBR-BR41x8326

4255 TO 61

5998

-2

5999

-3

6000

76

6001

8/23

-4

6002

-5

6003

-6

6004

F5-B438A1-43-1-1,

"

4261 TO 66

F5-B438A1-1-2, SMRP-BP41x 8326
26/1 To 64 6005

-2

6006

-4

6007

-5

6008

-6

6009

9/2

-7

6010

CF-5368

146 8/30

6011

"
Sub made

6012

6013 CI-5368
8/30

4166

A

6014 B43-2792, SMRK Sel

42017010

6015

6016

6017

6018

6019

6020

CT-5358
4/6/ 8/23 9/3

Selomade

6021

8/23 9/1 "

6022

B44-2402-37, 18 M BR
4/32-45

6023

-2

6024

8/31

-3

6025

-4

6026

B44-2402-21, "
158

6027

6028

with Rework

6029

B44-2402-21, SM BR

4138

6030

6031

B44-2402-37-1

4132-45

6032

-2

6033

9/28

3 Rework mat

Plaster body
all lines do

Dr

6034

8/37

-4

6035

5

6036

4

Reb made

B44-2402-37-7

4132-45

6037

-8

6038

-9

6039

-10

6040

-11

6041

-12

6042

-13

6043

-14

6044

gutter toll page in 8/10

Print with Perork

6045

B44-2402-27¹⁵ S M BR

4132-45

Hr

Remark mat & gr type
short stem Very good

6046

-16

6047

-17

6048

-18

6049

-19

Hr

Remark mat & gr type Typical Pattern
gold hulls very good
Shatters much worse than others

6050

-20

6051

-21

6052

B44-2402-11-1

A1157019

B44-2402-11, ² SM BR
4115 TO 19 6053

8/29 -3 6054

-4 6055

-5 6056

-6 6057

-7 6058

-8 6059

89 Caloro, check 6060

6061

B44-2402-11, - SM, BR

A115 To 19

6062

8/29 - 10

A long sl. thin green type
Breeding time, Rather tall, easily
threshed,

6063

B44-2402-37

" (Off type)

8/23

A134

Off type V. Good

6064

8/23

(An 8 1/2 very tall and

6065

6066

6067

6068

B44-2402-37, SMBR (off type)

4134

6069

Shots there BK on 9/10, wider leaves

6070

6071

6072

6073

B47-4955-1, Karang-Sorang Sol

1955

6074

-2

6075

-3

6076

6077 B47-4955-4, Karang-Serang Sel
9/1 4955

6078 -5

6079 -6

6080 94

6081 -7

6082 -8

6083 -9

6084 -10

B47-4955-11, Karang-Serang Se/ 5085

12

5086

B396 B47-1, SP-SJ x R-D 5087
B394 B47

-2

5088

9/1

-3

5089

Tall smooth gold, Jap gran type
Slow to J.W.J.

-4

5090

8/24

-5

5091

-6

5092

- 6093 B 396 B47-7, SP-SJ x R-D
525 B 396 B47
- 6094 -8
- 6095 8/26 -9
- 6096 -10
- 6097 ~~B39~~ Hyb Mix #1-47-1 (Cubensis)
519 High-Mix #1
Very clear for 50
Saved some birds for J.W. Jones
- 6098 Hyb Mix-2-47-1, SP-SJ x Mod gr
524 High Mix #2
- 6099 Hyb Mix-3-47-1, S-EP x CA-cdy
528
- 6100 -

Hyb Mix-3-47-2, S-EP x CA-Cdy

6101

-3,

6102

Hyb Mix-5-47-1, (D-R x Cdy-BR) x
(F-BR x CA-BR)

6103

-2

6104

-3

6105

B379B47-1, R-H x SP-SJ

6106

-2

6107

B439A1-5, S MBR x

6108

6109

~
B439A1-5, Sm. Bk x 3715A
295

6110

-3

6111

-4

6112

-5

6113

-6

6114

8/24

-7

6115

F5-B4356A1-201, 8326x8323-2

A3717075

6116

-2

F5, B4356A1-20-3, 8326x8323-2
 4371 8/21 9/30 6117

70
 75 8/22-4 6118

-5 6119

78 6120

-6 6121

-7 6122

8/21 -8 6123

-9 6124

50
F5-B4356A1-20-10, 8326x8323-Z
6125 8/RR 9/1 A371 to 75

F5-B4356A1-17-3-1 " A368 to 70
6126 uniform, except for hull color -
free from H.O., good meaty type

6127

-2

6128

-3

6129

-4

6130

-5

6131

-6

6132

-7

from a half dozen more
good on both hull types

F5-B4356A1-17-3-8, 8326x8323-2
 736870 8/22 6133

F5-B4356A1-16-1-1 " 6134
 7361

8/22 - 2 6135

-3 6136

9/1 -4 6137

-5 6138

F5-B4356A1-17-2-1, " 6139
 346 8/23

89 Caloro, check. 6140

6141 *F3-B4356A1-17-2-2, 8326x8323-2*
8/23 *4366*

6142 *8/23* *-3*

6143 *8/23* *-4*

6144 *F5-B4356A1-11-1.* *"*
9/1 *A357T059*

6145 *-2*

6146 *-3*

6147 *-4*

6148 *-5*

F5-B4356A 1-11-6, 8326x8323-7
357 to 59 6149

-7

6150

F5-B4325A 1-61-1, Bruin x F~~Red~~
350 6151

-2

6152

-3

6153

-4

6154

-5

6155

-6

6156

6157

F5-B4325A1-76-1, Bruin x F-Red
A353

-2

6158

-3

6159

-4

6160

94

-5

6161

-6

6162

-7

6163

-8

6164

FS-B4325A1-50-1, Bruinx F-Red
4346 & A7 6165

-2

6166

-3

6167

FS-B4325A1-52-1(Rogue) "
348-47 8/23 6168

8/23

-2

6169

-3

6170

-4

6171

9/1

-5

6172

6173	FS-B4325A1-52-6, (Roque) Bruinx F-Red 8/23	4348-49
------	---	---------

6174	FS-B4325A1-49-1,	" 43437045
------	------------------	---------------

6175	-2	
------	----	--

6176	-3	
------	----	--

6177	-4	
------	----	--

6178	-5	
------	----	--

6179	-6	
------	----	--

6180		97
------	--	----

F5-B4325A1-49-7, Bruin x F-Red
 1343 TO 45 6181

-8
 goldshell roque

6182

-9

6183

-10

6184

-11

6185

F5-B4325A1-39-1
 1334 TO 38

6186

-2

6187

-3

6188

6189	F5-B4325A1-39-4, Bruin x F-Red	A336 T638
------	--------------------------------	-----------

6190	F5-B4325A1-42-1,	" A341442
------	------------------	--------------

6191	-2	
------	----	--

6192	-3	
------	----	--

6193	-4	
------	----	--

6194	F5-B4325A1-32-51	" A331
------	------------------	-----------

6195	-2	
------	----	--

6196	-3	
------	----	--

F5 P

341

4

42

Brinx F-Red

6197

6198

F5-B4325A1-32-7-1,

"

6199

+333

TO

35

98

6200

5/28

-2

6201

-3

6202

-4

6203

+5

6204

6205

F5- B4325A1-32-7-6, Bruinx F-Red

A333
70
35

6206

-7

6207

-8

6208

F5- B4313A2-57-5-1, S MBR-BR41x
F-Red A318

6209

-2

6210

8/23

-3

6211

F5- B4313A2-57-6-1,

"

A319

6212

-2

SM.BR-BR41 x
F-Red

F5- B43¹³~~25~~ A2-57-6-3, ~~Bruinx F-Red~~

6213

-4

6214

F5- B4325 A1-32-1-1, Bruinx F-Red

6215

-2

6216

-3

6217

CI-5399 (Nat'l Cross) Glut

6218

"

6219

Caloro, check

6220

6221

C.I. 5399 (Nat'l Cross) Glut.

7/11/21

6222

"

6223

"

6224

"

6225

"

6226

B4045 B47-1, Glut. Rogue

~~NA~~

8/27
Breeding true

5A2
GLUT.

6227

8/27

-2

"

6228

272

75- 8/24 6229

399 CI-5399 (Nat'l Cross) G/ut. 6230
-1

8/18 " 6231
-2

8/18 9/2 " 6232
-3

irregular length " 6233
-4

8/14 8/24 " 6234
-5

" 6235
-6

8/24 " 6236
-7

6237 C.I. 5399 (Nat'l Cross) Glut. 8/14 9/2 -8 4399

6238 8/14 8/27 " -9

6239 8/18 9/2 " -10

6240 9/1 ~~11~~ 94

6241 C.I. 5399 (Nat'l Cross) Glut. 8/15 8/27 -11

6242 8/24 " -12

6243 8/26 " -13

6244 8/26 " -14

4397	C.I. 5399 (Nat'l Cross) Glut.	8/14 8/24	"	6245
		8/14 8/25	"	6246
		8/14 9/2	"	6247
		8/14 8/25	"	6248
		8/14	"	6249
		8/16	"	6250
		8/23 9/2	"	6251
		8/21 8/31	"	6252

6253 C.I. 5399 (Nat'l Cross) 6/4t.

8/14 8/26

439

6254 8/14 8/24

"

6255

"

439

6256 8/14 8/26

"

6257 8/26

"

6258

"

6259 8/21

"

6260

97

4394 C.I. 5399 (Nat'l Cross) Glut. 8/15 8/25 6261

"

6262

8/19

"

6263

8/14 8/24

"

6264

8/21 off head type present

"

6265

8/15 8/26

"

6266

8/22

"

6267

8/24

"

6268

C.I. 5399, (Wat') Cross) Glut

6269

A391

8/24

"

6270

"

6271

8/15 8/25

"

6272

8/22

"

6273

8/17

"

6274

8/18

"

6275

8/17

"

6276

A392

Mix true
Present

4393

C. I. 5399, (Nat'l Cross) Glut.

6277

mixture

8/1^{res.}

"

6278

8/28

"

6279

98

8/19

6280

C. I. 5399, (Nat'l Cross) Glut

8/31

6281

8/22 "

6282

"

6283

"

6284

6285 C.I. 5399, (Nat'l Cross) Glut.

4393

6286 8/29 "

6287 8/23 "

6288 "

6289 8/29 "

6290 "

6291 8/19 "

6292 8/17 8/21 "

C.I. 5399, (Nat'l Cross) Glut? 6293
 4392 Possibly No Glut?
 8/14 8/21

8/29 " 6294

8/18 8/25 " 6295

8/13 8/28 " mature 6296

8/18 8/24 " 6297

8/17 " 6298

" 6299

89 Caloro, check 6300

6301

C.I. 5399 (Nat'l Cross) Glut

4385-87

Handwritten notes:
Brown 15
6301
6302
6303
6304
6305
6306
6307
6308
6309
6310
6311
6312
6313
6314
6315
6316
6317
6318
6319
6320
6321
6322
6323
6324
6325
6326
6327
6328
6329
6330
6331
6332
6333
6334
6335
6336
6337
6338
6339
6340
6341
6342
6343
6344
6345
6346
6347
6348
6349
6350
6351
6352
6353
6354
6355
6356
6357
6358
6359
6360
6361
6362
6363
6364
6365
6366
6367
6368
6369
6370
6371
6372
6373
6374
6375
6376
6377
6378
6379
6380
6381
6382
6383
6384
6385
6386
6387
6388
6389
6390
6391
6392
6393
6394
6395
6396
6397
6398
6399
6400

6302

6303

6304

6305

6306

6307

6308

8/16

8/30

8/16

8/31

8/22

8/20

8/16

"

"

"

"

"

"

C.I. 5399, (Not) Cross) Glut
 4385-87 8/20 6309

mixture percent

"

6310

"

6311

8/17 8/26

"

6312

8/23

"

6313

8/21 8/27

"

6314

8/26

"

6315

8/23

"

6316

6317 C.I. 5399 (Nat'l Cross) Glut
4385-87

6318 8/23 "

6319 8/23 "

6320 5

94

6321 9/1
irregular maturity, first heads ripe about 9/27
Very tall, rather large straw clean straw
sheaths new, hardly as robust as R1, R2

6322 9/1
Similar to 6321
Some Red seed coat plants
No doubt Red Rice

6323 8/24
late maturity, stalks
profusely, very tall, shorter grain
than stalks, grain looks like typical Red
Rice

6324 8/24
Earliest
as early as Smith or
earlier
Similar to 6322 & 23

Guat. A4

RxF-C (H9) Crowley

6325

good smooth hulled med gr
good for Guatemalashorter + later than 63
good

6326

very much like 63

6327

gold hull type
very good

6328

Early Sh. Gr. Bulk-
Hyb Mix-11-47-1

6329

typical Jap Orust.
easily threshed BK Nut
or earlier

6330

Same as 6329

6331

too late

6332

med-gr Jap
Hard to thresh

6333

Hyb Mix-11-47-5
Early Sh. Gr. Bulk.

548

Late, no ribs on 9/29
hard threshing
8/27 " 6

6334

Rogue, smooth hulls, *Send to Jones*
Send to Calhoun Jap type straw, easy to thresh

6335

" 7

6336

" 8

6337

" 9

6338

" 10

6339

" " *Sub made 9/29*
Early, short heads, much hard to thresh
very short heads

6340

12

97

13

Early Sh. Gr. Bulk

548 good early crop, sila made
Early threshed short stem

6341

Late Sh. Gr. Bulk

49 Hyb Mix-12-47-1

6342

"

2

6343

"

3

6344

Fairly tall " hard threshing, early
Sil made 9/29

"

4

6345

"

5

6346

Sil made " 9/29

6

6347

Med sh stem, med hard threshing

"

7

6348

Sil made 9/29
Hard threshing

6349 Late Sh. Gr. Bulk "47.8

549

6350 B323 B39-13 ~~Rogue~~ Bulk R&SBR

546

6351 "

6352 "

6353 "

6354 8/24 " Very early sm. med. grain
easy to thresh

6355 8/26 " Early med-gr. Segre Row, lin. length
clear straw, good type fairly easy to thresh

6356 " much like 6354
all smooth

46 B323B39-12 Bulk.

6357

"

6358

9/1

"

6359

Sm med-gr type
 Breding time except for 1 rogne Hr
 rather hard thinking, sh. st. Very good

98

6360

B323B39-13, Bulk.

6361

"

6362

"

6363

"

6364

6365

B323B39-13, Bulk R x SBR

BR maturity

much like original, clean stain

541

6366

B4045B47-1 (~~Rough~~) R-SBR x BR41

542

6367

-2

6368

-3

6369

-4

6370

-5

6371

-6

Sign round smooth, easily threaded
Med-gr BK type

6372

-7

542 B4045B^R47-8, R-SBR_x BR41

6373

42 B4045BR-47-9

11

B4045H Roughs

6374

a very good mid-gr (already) now
late, stands well, good vegetation

-10

6375

-11

6376

-12

6377

-13

6378

-14

6379

89 Caloro,
check

6380

6381

B4045BR47-15, R.SBRxBR41

B4045R Rough 54.2

Nr

Sh. q. smooth, Beard
Hard chewing, Very uniform BR and

-16

6382

-17

6383

6384

Rexoro ~~Rogae~~ Sel.

OFF
Type
RCX
from
Hd. Ro

6385

stained "

6386

stiffer "

6387

from "

6388

made " types

55-100
Rex
from
1st Row
Rexoro, Sel

6389

"

6390

"

6391

"

6392

"

6393

"

6394

"

6395

"

6396

6397

Rexoro Sel

off-Ty
Rex
from
Hd. R

"

6398

"

6399

6400

Rexoro, Check

113

6401

Rexoro, Sel.

E had no pencil Smooth

6402

"

6403

"

6404

"

Rexoro Sel

6405

"

6406

9/28

"

6407

"

6408

"

6409

"

6410

"

6411

"

6412

6413

Rexoro, Se 1

6557
Rox
fr
Hd.
Rox

6414

Stagg Rexoro

Rox
How
Sto

all med-gr type
as per the original med-gr mustone
present in Rex from beginning

6415

Look to be gentle typical Rex
grain may be smaller.

6416

"
strawbuck

6417

"

6418

Rexoro (Co) Se 1

Rox
Poss
Co
Rox

Wab Co = R?

6419

"

6420

+

CP - R.
Shorth + U good.
Better than adj Row 2

11

ex-
possible
or
resist.

Rexoro (Co Resistant) Sel

6421

✓ lots & much slenderness

"

6422

"

6423

"

Each present

6424

"

6425

"

6426

"

6427

"

6428

6429 Rexoro (CO Resistant) Sel

Rex.
Possib
CO
Resist

6430

"

6431

"

6432

"

6433

"

med gr. Breding type
CO Resistant, short stage
good

6434

"

6435

almost entirely straight
spurs 2, parallel for testing
for straight - hard

6436

"

Very productive Row -
Prod earlier than some
no staking

Rexoro (Co Resistant) Sel 6437

8/24
 Earlier present
 Med-grain type, Co resistant, Vigor

no Co
 much straight head, 6438

"

6439

32

6440

Rexoro, Richmond (Treated) 6441

"

6442

"

6443

Rexoro, W.A. Glass (Not Treated) 6444

ex.
 a
 155
 T Treat

6445

6445 Rexoro, W.A. Gloss (Not Treated)

Rex.

wa

5153

No 7

Tred

6446

6446 Rexoto,
Check

112

Read

5727

5163

6447

6447 Rexoro, W.A. Gless (Not Treated) 516

6448

八

6449

6450

Rexoro, Boyt lot #6.

Rex E.

10

Day 1

Lot (

6451

11

6452

11

Slender, lower than
than regular types

Rexoro, Richmond, (Not Treated)

6453

"

6454

"

6455

Rexoro, C.A. Dankless

6456

"

6457

"

6458

Rexoro, Boyt (Purple Stem)

6459

6460

6461

Rexoro, Boyt (Purple Stem)

5000
Pr. Ste!
Good
Hr.

6462

"

6463

"

6464

"

6465

"

6466

"

6467

"

6468

"

not a typical Rexoro,
probably earlier, has a larger peduncle, is
taller & grain a little finer
also, not Rexoro

Pexoro, Boyt (Purple Stem)

5DDO
2-STEM
Good
HY.

6469

"

6470

B4030A3-21-3, R-7689xTP

562

6471

Does not look typical
 del in gold mine
 appears to be deep with
 straw & grain check

"

6472

"

6473

"

6474

"

6475

Hyb Mix-9-41, TP & Ry long Slender

4767
70
73

6476

6477 Hyb Mix 9-41, TP & Rx Hong St.

4767
70
73

6478

"

6479

"

6480

135

6481 Hyb Mix. 9-41, TP & Rx Hong St.

6482

"

6483 Texas Patna, B47-4507-1

8/28

150
CO. P.

6484

8/28

Added V. indicus
from 87-85
meds long al q
types, rough
prints off
Put in long group

-2

B47-4507-3, T. Patna

6485

B4030A3-4-7, R-7689xTP

6486

6487

6488

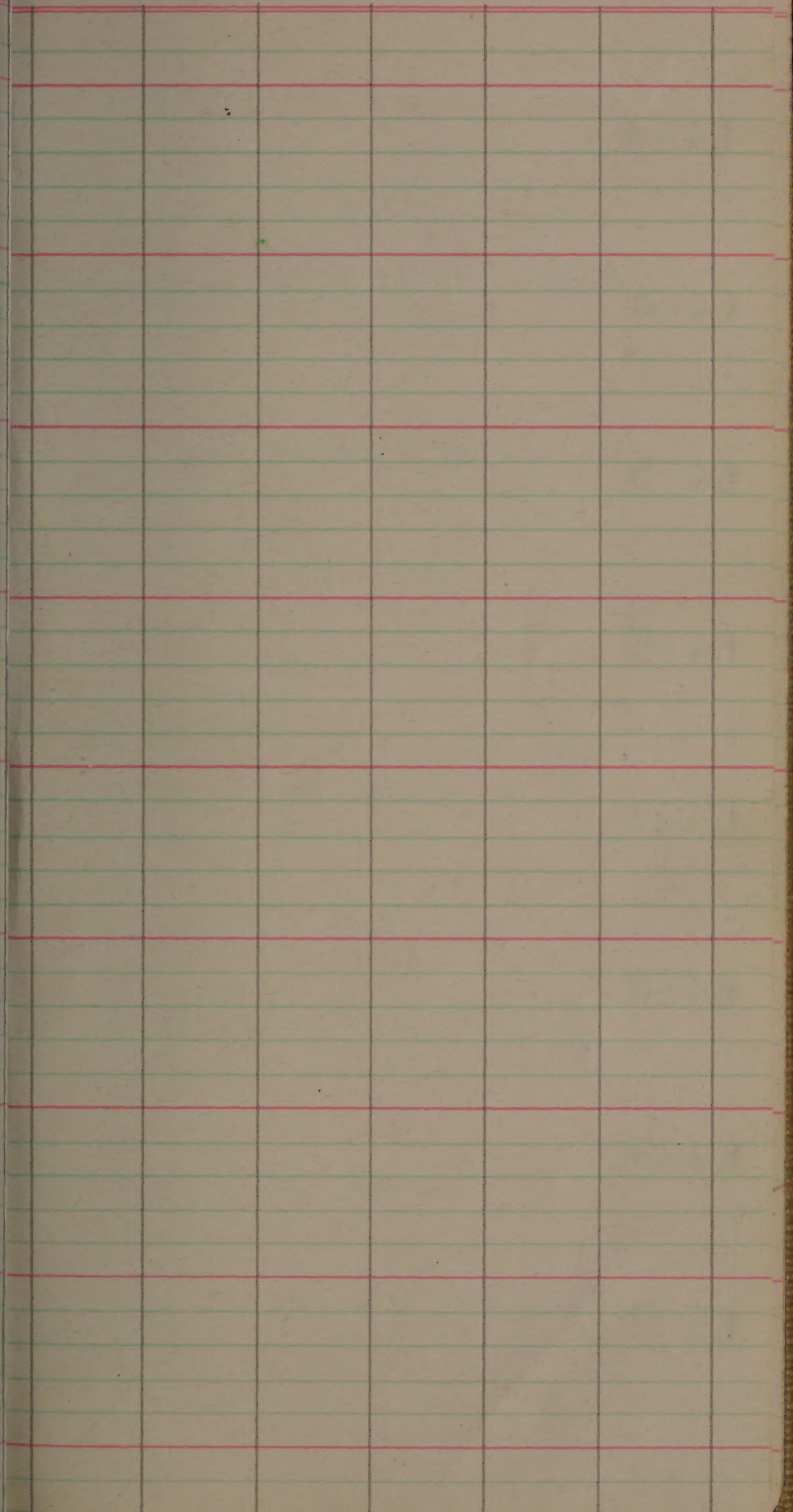
6489

6490

6491

6492

88
R4030A24-7, R7689xTP



6493

B4030A3-4-7, R-7689xTP.

453
TD
43

6494

Dwarf Rexoro, (GP Dwarf type)

Dwa
Dwa
TP
TYP

6495

B46-2086-1 T. Patna Sel.

449
To
ASC
Rex M

6496

-2

6497

-3

6498

-4

6499

-5

6500

Rexoro, Check

8/14 8/27

1/1

B46-2086-6, T. Patna Sel

H97 8/10 9/24

TO

500

ex H21

-7

~~Out of order
Repacked
labeled 6307402~~

6501

-8

6502

-9

6504

-10

6505

-11

6506

-12

6507

cut from
center of
better v. good
uniform

-13

6508

6509

Sharon T. P. S.

129

6510

6511

6512

6513

B46-2069-1, T. Patna Sel

1444

6514

-2

6515

-3

6516

-4

B46-2069-5, T. Patna Sel

6517

Very very short straw

Some CO. grow in Adv. Mus. H
 because of short straw type
 grain appears to be a Patna type
 Cross with Patna type
 in 1949

6518

- 7

6519

445
 To
 A9

6520

B46-2069 -8, T. Patna Sel

6521

-9

6522

-10

6523

-11

6524

B46-2069-12, T. Patna Sol.

6525

4445
To
49

"

6526

6527 B46-2069-13, "

443

6528

-14

6529

-15

6530

-16

6531

-17

6532

-18

439 B46-2069-19, T. Patna Sel. 6533

441 TD 13 -20 6534

-21 6535

-22 6536

-23 6537

-24 6538

52 B3313A1-20 Bulk, Rx1689 6539

32 6540

89
6541

B3313 A1-20 Bulk,

Rx 7689

557

6542

"

6543

"

6544

"

6545

"

6546

"

6547

"

6548

gold hull BK type, Leb made 9/29

B3313A1-20.Bulk, Rx 7689

6549

"

6550

"

6551

"

6552

B46-2068-1, T Patna Sel

6553

- 2

6554

- 3

6555

- 4

6556

6557 B46-2068-5, T. Patna Sc1

1431
70
35

6558 -6

6559 -7

6560

134

6561 B46-2068-8, "

6562 -9

6563 -10

6564 -11

B46-2068-12, T. Patna Sel.

6565

B3312B47-1, Rx7689

6566

-2

6567

-3
7689 type narrow leaves
V slender grain type
relatively free from disease
-4

6568

Baya

6569

B46-2068-13, T. Patna Sel

6570

-14

6571

-15

6572

6573

B46-2068-16, T. Patna Sel

443

6574

-17

6575

-18

6576

-19

6577

B3313A1-20 Sel, Rx 7689
B46-2066-1

442
25

6578

-21

6579

-311

6580

-4

135

Probably like the original

AK

B3313A1-20 Sel, Rx7689
B46-2066-5

6581

-6 "

6582

-7 "

6583

-8 "

6584

-9 "

6585

B3313A1-20 Rogue
B46-2054-1

6586

-2

6587

-3

6588

6589 B3313A1-20 Rogue
B46-2054-4,

4415

6590 " - 5

6591 " - 6

6592 " - 7

6593 " - 8

6594 Texas Patna

4412

6595 " - 9

6596 B3313A1-20 Rogue
B46-2054-10

4410
TD
12

See rough
and smooth
V. good show
PO = R.

409
To
2
B3313A1-20, Rogue
B46-2054-11

6597

11-12

6598

11-13

6599

35

6600

B3313A1-20, Rogue
B46-2054-14

11-15

11-16

11-17

Land 5531-69 material
for J. W. G. H. studies

Checks 2nd
Breeding Nursery

Early Medium

31

4

5

7

47

mid medium

89✓

96

97

98

Early Long

19

22

25

26

28

31✓

Lates

113

115

132

134

mid long

19

26

59

61

69

SEEDLING PLAN, 1948 BREEDING NURSERY

Drying Expt Samples			Drying Expt Samples		
8401	H.O. material	8466 Dams	8499	Dams	8500
8201	H.O. material		8299	H.O. material	8356
8001	H.O. material		8099	H.O. material	8156
7801			7899	7944	7950 No material
7601			7699	7700	7800
7401			7499	7500	7600
7201			7299	7300	7400
7001			7099	7100	7200
6801			6899	6900	7000
6601			6699	6700	6800
6401			6499	6500	6600
6201			6299	6300	6400
6001			6099	6100	6200
5801			5899	5900	6000
5601			5699	5700	5800
5401			5499	5500	5600
5201			5299	5300	5400
5001			5099	5100	5200
4801			4899	4900	5000
4601			4699	4700	4800
4401			4499	4500	4600
4201			4299	4300	4400
4001			4099	4100	4200
3801			3899	3900	4000
3601			3699	3700	3800
3401			3499	3500	3600
3201			3299	3300	3400
3001			3099	3100	3200
2801			2899	2900	3000
2601			2699	2700	2800
2401			2499	2500	2600
2201			2299	2300	2400
2001			2099	2100	2200
B403/A1-1-8 Increase			B403/A1-1-8 Increase		
Drainage			Ditch		

113

Ry

132

B4037A4-38-1-16

115

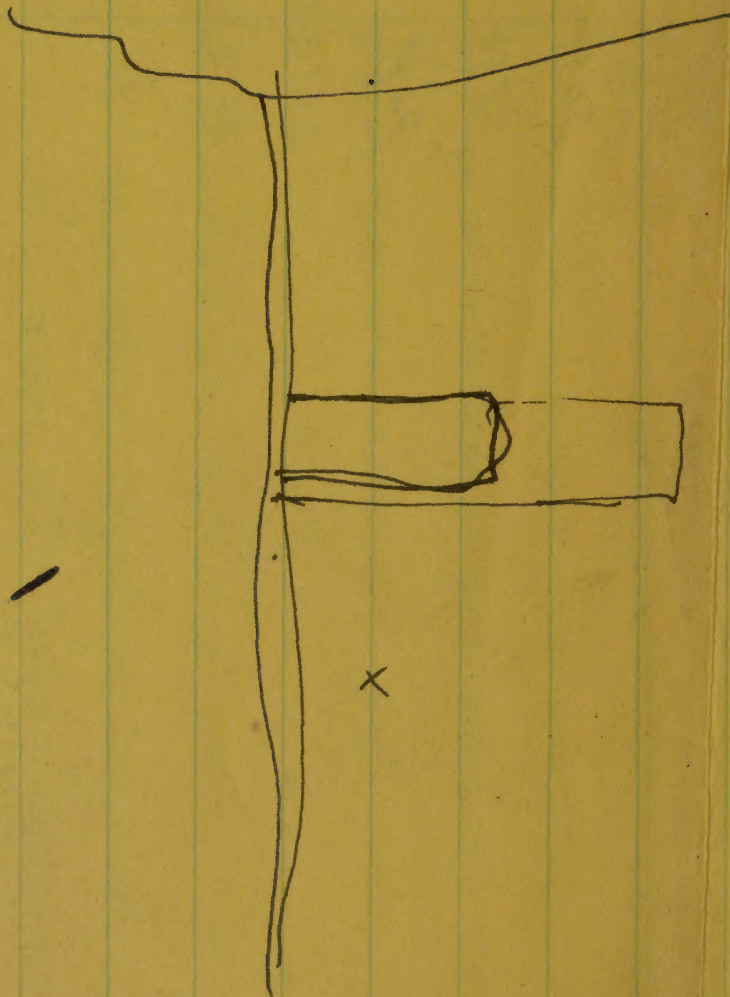
C3/22

134

TP

135

B4037A4-38-1-17



Very late not home at 12/1

5126

He 12/7

5313

5315

5349

6436

6450-52

6507

6517

65790

6579

7601

Honest 162

7801

Worked through 7220 9/29

" "

7000 12/6

7113

7750

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.
.....

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

6601

BA6-2054-18, (3313A1-20 Requ.)

E med-g present

1140
70
12

6602

-19

6603

-20

6604

-21

6605

-22

6606

-23

6607

-24

6608

-25

4409
70
12
B46-2054-26, (3313A1-20 Roque)

6609

-27

6610

-28

6611

A401
B46-2053-1, (3313A1-20 Roque)

6612

-2

6613

-3

6614

-4

6615

-5

Very good Rex type V. heavy study
strong good grain type not Co,
slow drying strong, uniform, all round
from 4402 & 03 much alike

6616

6617

B46-2053-6 (3313A1-20 Rogue)

440
4
03

6618

-7

6619

-8

6620

Rexoro,
check

113

6621

-9

6622

B46-2053-10

"

440
70
08

6623

-11

6624

9/27

-12

Hy

early rough long semi slender-gr
type Pres. plot only

B46-2053-13, (3313A1-20 Rogue)

6625

14.05
TO
08

B47-4942-1, Karang-Serang

6626

4942

-2

6627

-3

6628

-4

6629

-5

6630

-6

6631

-7

6632

dark green leaves & developing then become slightly reddish
blue rose type smooth leaves
Bk maturity

6633

B47-4942-8, Karang-Serang

49A

6634

-9

6635

B47-4941-1,

"

49A

6636

-2

6637

-3

6638

-4

6639

-5

6640

C3-22, 1/8 Rexora
check

115

Rexora color and leaf dying on 8/10

4941 B47-4941-6, Karang-Serang 6641

-7

6642

-8

6643

-9

6644

-10

6645

4931 B47-4931-1, 21 6646

-2

6647

-3

6648

Exceptionally tall, long leaves on
(8/10), but most leaves

6649

B47-4931-4, Karang-Serang

493

6650

-5

6651

B47-4935-1,

"

494

6652

-2

6653

Drooping leaves original set.

like original

-3

6654

-4

6655

-5

6656

Rx Pr. Lf. Poque. B46-2765-1-

a good late mat. medium-grain type.

489

W

B46-2765-1-2, R x P Lf. Rogue

4890

6657

-3,

"

6658

B47-4924-1, Karanq-Serang

4924

6659

B403344-38-1-16,
Check

132

6660

B47-4924-2

"

6661

Much shorter
than the original, a
grain sl. shorter,
much better grain for
milling purposes

-3

6662

B47-4929-1

4929

6663

Very large long
grain, like original
regardless of grain
possibilities, long than
original, at least
as long as longest
grained type in original

+2,

6664

6665 B47-4929-3, Katang-Serang

492

6666 ^{9/2} CAx Rex.
~~B44-5067~~
B3412 B43-1-1

139
PWA

6667 -2

6668 -3

6669 -4

6670 -5

6671 -6

6672 -7

no rib made on 9/29

139
Dwars

B 3412 B43-1-8

Ca x R

6673

8/30

-9

6674

-10

6675

-11

6676

-12

6677

13

6678

-14

6679

134

T. Patna, check

6680

6681

B3412 B43-1-15

139

6682

-16

6683

17

6684

18

6685

-19

6686

-20

6687

-21

6688

B4045 B47-1, R-SBR x BR41

54

B4045847-2, R-SBRxBR41

541 6689

-3

6690

-4

6691

-5

6692

-6

6693

-7

6694

-8

6695

-9

6696

6697

B4045B47-10, R-SBRxBR41

541

-11

6698

-12

6699

Very good Rivers type
Has a very long grain
larger than Bado

541

B404

B47

6700

B4033A4-38-H17,
check

135

6701

B4045B47-12,

"

6702

-14

6703

-15

6704

-16

B4045B47-17, R-SBR x BR41

541
B4045-
B47

6705

-18

6706

-19

6707

-20

6708

-21

6709

-22

6710

B378/B47-1, R x 8/C

521

6711

-2

6712

6713

B378/B47-3, Rx 81C

521

6714

-4

6715

-5

6716

-6

6717

-7

6718

-8

6719

-9

6720

Rexoro, Check
8/24

113

B378/B47-10, Rx81C

6721

Hyb Mix-10-47-1, TP & Rx R-D

6722

8/26

-2

8

6723

-3

6724

Sawed E on 9/29

-4

6725

-5

6726

Hyb Mix-~~10~~⁹-47-1, TP & Rx Long Sl

6727

-2

6728

6729

Hyb Mix-9-47-3, TP & Rx long Sl.

536

6730

-4

6731

-5

6732

-6

6733

-7

6734

-8

6735

-9

6736

-10

536 Hyb Mix-9-47-11, TP & Rx Long Sl. 6737

-12

6738

-13

6739

115 C 3-22,
7/8 Rexoro, check

6740

-14

6741

-15

6742

-16

6743

-17

6744

Hyb MIX - 9-47-18, TP Rx Long Sl.

536

6745

-19

6746

-20

6747

-21

6748

-22

6749

-23

6750

-24

6751

-25

6752

Best looking
in this group

are too tall for construction
on some
good grain types

536 Hyb Mix-9-47-26, TP&RX Long Sl. 6753

-27

6754

-28

6755

-29

6756

-30

6757

-31

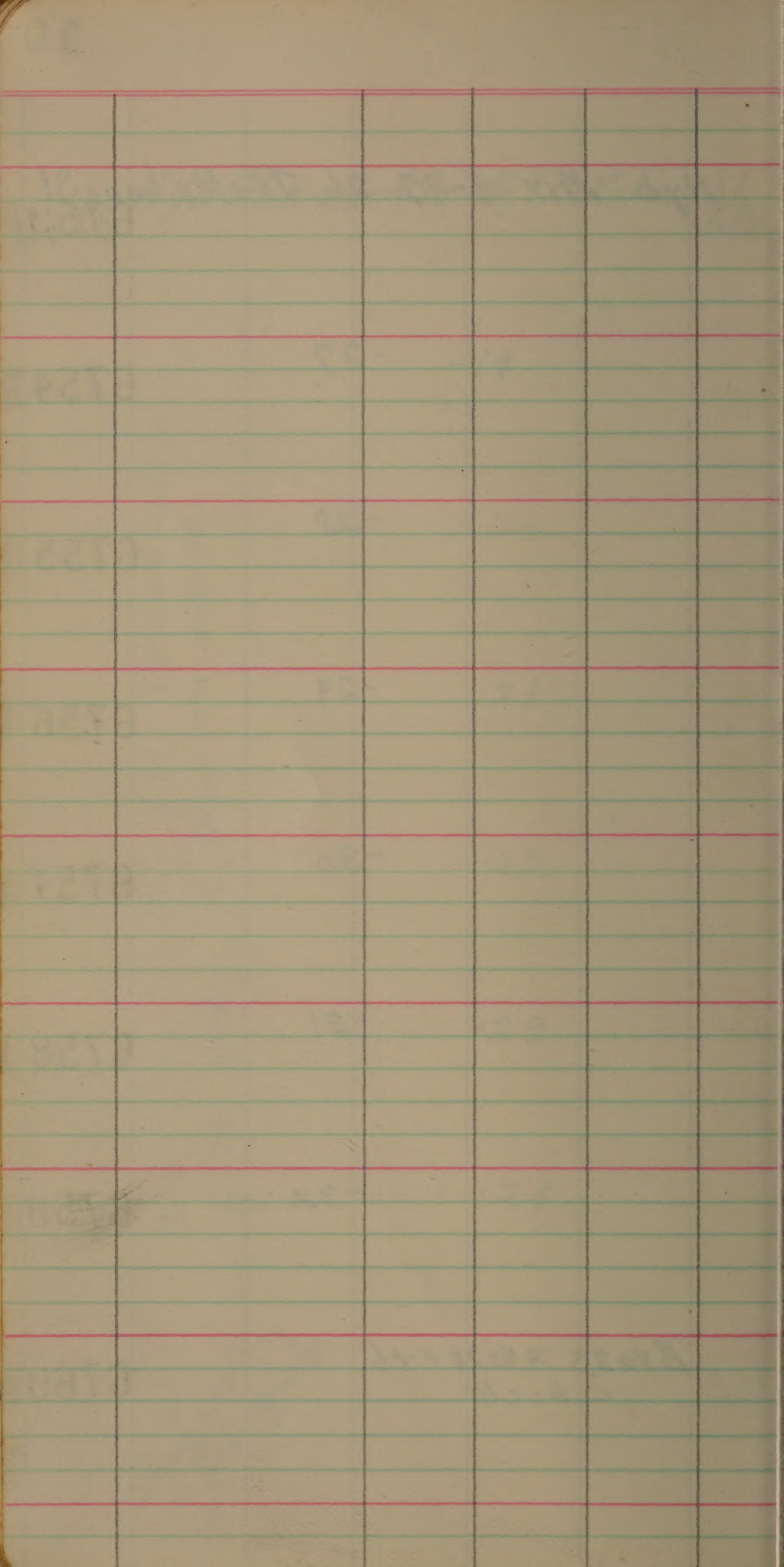
6758

-32

6759

132 BX033 AY-28-1-16
check

6760



6761

Hyb Mix-9-47-33, TP & Rx Long Sl.

536

6762

-24

6763

B47-5002-1, Karang-Serang

5002

6764

-2

6765

-3

6766

-4

6767

-5

6768

-6

Harvested all zone of this line for
Amurhens. Almost as long as original
Smooth bulk. Very sturdy, blood orange
Blended gold, 1. good
Stood well

B47-5002-7, Karana-Serang

Have the best of slope store except milk
all cows in this group are
similar. This group may be
sl larger gr & looks v. good.

-8

6770

-9

6771

-10

6772

-11

6773

-12

6774

-13

6775

B47-4980-1,

"

6776

4980
Smooth
all types
present

6777

B47-4980-2, Karang-Serang

A980
25000
Hull
7yrcs

6778

-3

Best copy, smooth, leg. Abrant +
gold, shows more creed than
original, grains on some side
prob as long as original?

6779

-4

6780

T. Palaa, check

134

6781

-5

6782

-6

Longer than original
lab examination indicates this sample is
longer than original

6783

-7

6784

B47-4972-1,

"

A972

972 B47-4972-2, Karang-Serang

6785

*all white
v. short hairs, bearded
good looking grain
good shape
perfectly*

-3

6786

-4

6787

~~972 B47-4976-1, -5~~ "

6788

4972 B47-4976-2

6789

*Good quality + shape
Some as long as
original now slender*

-2

6790

-3

6791

-4

6792

6793

B47-4976-~~6~~ Karang-Serang
Better straw, + stools better than
preceding ones

4976

6794

-~~6~~

like 6793

6795

-2

6796

B47-4968-1,

"

4968

6797

-2

6798

-3

6799

-4

6800

B4033A4-38-1-17,
Check

135

968

B47-4968-5, Karang-Serang

8/26

6801

-6

6802

-7

6803

-8

6804

971

B47-4971-1,

"

6805

8/26

-2

6806

-3

6807

-4

6808

6809

B47-4971-5, Karang Serang

4971

6810

B47-4963-1,

21

4963

6811

-2

6812

-3

6813

-4

6814

-5

6815

-6

6816

-7

Unusually long, erect leaves, or broadly short
 straw, headed are extremely long, Per no maturity
 water carefully

1963 B47-4963-8, Karang-Serang

6817

-9

6818

-10

6819

13

Rexoro
check

6820

-11

6821

-12

6822

-13

6823

B47-4962-1,

"

6824

B49-4962-2, Karang-Serang

6825

-3

6826

-4

6827

-5

6828

-6

6829

-7

6830

-8

6831

-9

6832

4962 B47-4962-10, Karang-Serang

6833

-11

6834

-12

6835

-13

6836

4960 B47-4960-1

"

6837

-2

6838

-3

6839

115 C3-22,
7/8 Rexoro, check

6840

6841

B47-4960-4, Karang-Serang

6842

-5

6843

-6

6844

-7

6845

B47-4959-1,

"

6846

-2

6847

-3

6848

-4

847-4959-5, Karang-Serang

4959
Tall
fairly
early

6849

-6

6850

-7

6851

847-4958-1,

"

6852

-2

6853

-3

6854

-4

6855

-5

6856

much shorter than 40324x-28
Stems profusely good Patina green
but banded, found 1 F plant.

B47-4958-6, Karang-Serang

6857

195

-7

6858

-8

6859

B4033A4-38-1-16, Check

6860

132

-9

6861

B47-4954-1,

"

6862

49
vign

-2

6863

-3

6864

no taller than 4037A4-38
v. long stem & long leaves,
long grain, but not as large
as original

B47-4954-4, Karang-Serang

6865

-5

6866

-6

6867

B47-4951-1,

6868

-2

6869

-3

6870

-4

6871

-5

6872

6873

B47-4952-1, Karang-Serang

4952
Rex
V. 60

6874

-2

6875

-2

6876

-4

6877

B47-4951-6,

"

4951

6878

-7

6879

-8

6880

T. Patna, Check

13

4951

B47-4951-9, Karang-Serang

6881

-10

6882

-11

6883

-12

6884

-13

6885

-14

6886

-15

6887

-16

6888

6889

B47-4950-1, Karang-Serang

495
B.74

6890

-2

6891

-2

6892

-4

6893

-5

6894

-6

6895

-7

6896

-8

B47-4944-1, Karang-Serang

6897

4944
Possibly
Record

-2

6898

-3

6899

B4033A4-38-1-17
check

6900

135

-4

6901

-5

6902

-6

6903

-7

6904

6905

B47-4944-8, Karang-Serang

4944-
Fossil
Revol

6906

B47-4949-1,

"

4949
Med

6907

9/1

-2

6908

-3

6909

9/1

-4

6910

9/1

-5

6911

B47-4943-1

4943
Pr. 572

6912

-2

B47-4943-3, Karang-Serang

6913

-4

6914

-5

6915

-6

6916

-7

6917

B47-4944-9 (Possible Fi) "

6918

~~10-11-12~~

6919

Rexoro
check

6920

6921

B47-4944-K Karang-Serang
Possible F₁

6922

12

6923

F₂ - B4519A1-1, B4033A4-38 x ~~B4519A1~~ ^{Roxark}

A519A1

(1110WS05
ON PLANT)

6924

12

6925

-3

6926

-4

6927

-5

6928

-6

F3, B 4519A1-7, 4033A4-38x ^{Remark.} ~~RSA~~
 4519A1 6929

-8

6930

-9

6931

-10

6932

-11

6933

-12

6934

-13

6935

Sub made 9/29

-14

6936

F3-B4519A1-15, B4033A438xRemark

6937

45191

6938

-16

6939

-17

6940

C 3-22
7/8 Rexoro,
Cherk.

115

6941

-18

6942

-19

6943

Sub made 9/29

-20

6944

-21

F₃ - B4519A1-22, B4033A4-38 x Remark
 4519A1 6945

-23

6946

-24

6947

-25

6948

Sub made 9/29

-26

6949

Sub made 9/29

-27

6950

-28

6951

-29

6952

as early as Remark

Sub made very good type

An

F3 B4519A1-30, B4033A4-38 x Remark 4579
6953

6954 -21

6955 -32

6956 -33
E seb made

6957 -34

6958 -35
E seb made

6959 -36

6960 B4033A4-38-1-16, check 132

F₃ B4519A1-37, B4033AH-38x Remark

A519#1

6961

-38

6962

-39

6963

-40

6964

-41

6965

a very good now standing
much better than others on 1 1/2

-42

6966

-43

6967

-44

6968

F3- B4519A1-45, B4033A4-38x Remark

6969

4519

-46

6970

Self made
Early

-47

6971

Her

med. early pattern type
Probs Early as Remark.

-48

6972

-49

6973

Early, as L drooping stem
Clean stem, fairly tall, good grain

F3- B4520A1-1, B4033A4-38x897

6974

4520

-2

6975

-3

6976

F3- B45:20 A1-4, B4033 A4-38 X 8975
 4520 A1 6977

-5

6978

-6

6979

134 T. Patna
 check

~~8~~

6980

-8

6981

-8

6982

-9

6983

-10

6984

F₃- B4520A1-11, B4033A4-38 x 8975
6985

A520A

6986 -12

6987 -13

6988 -14

6989 -15

6990 -16

6991 -17

6992 -18

F3-B4520A1-19, B4033A4-38 x 8975
B520A1 6993

-20

6994

-21

6995

-22

6996

-23

6997

-24

6998

-25

6999

35 B4033A4-38-1-17
check

7000

F3 - B4520A1-26, B4033A4-38 x 8975

7001

4520A

-27

7002

-28

7003

-29

7004

-30

7005

-31

7006

-32

7007

-33

7008

marked on 9/29

F3-B4520A1-34, B4033A4-38 x8975
520A1 7009

-35

7010

-36

7011

-37

7012

-38

7013

-39

7014

-40

7015

F3-B4520A2-1,

"

7016

520A2
19/29
ouge
520A2
Ta Cross

F3-B4520A2-2,
7017

4520

7018 -3

7019 -4

7020 Rexoto, -
check

113

7021 -5

7022 -6

7023 -7

7024 -8

B4520A2-9,

520A2

7025

F3 - B452/A1-1, B4033A4-38 x B4033A4-43

52/A1 8/22 9/2
6/29

7026

8/30

-2

7027

-3

7028

8/30

-4

7029

-5

7030

8/22 9/2

-6

7031

8/14 8/24

-7

7032

F3 - B4522A1-1, B4033A4-38 v B6t.

7033

4522
A1

7034

-2

7035

-3

7036

-4

7037

-5

7038

-6

7039

-7

7040

c 3-22, 7/8 Rexoro
check

115

F₃- B4522A1-8, B4033A4-38 x B6t

7041

-9

7042

-10

7043

-11

7044

E sub 02 9/29

-12

7045

-13

7046

-14

7047

-15

7048

7049 F3- B4522A1-16, B4033A4-38 x B66.

A522
A1

7050 -17

7051 -18

7052 -19

7053 -20

7054 -21

7055 -22

7056 -23

522
71
F3- B4522A1-24, B4033A4-38 x B6t

7057

-25

7058

-26

7059

32 B4033A4-38-1-16

check,

12th ed 9/29

7060

-27

7061

-28

7062

-29

7063

-30

7064

08
F3-B4522 A1-31, B4033A4-38 x B6t

A522
A1

7065
-32

7066
-33

7067
-34

7068
-35

7069
-36

7070
-37

7071
-38

F3 - B4522A1-39, B4033A4-38 x B6+

522
31

7073

-40

7074

-41

7075

-42

7076

-43

7077

-44

7078

-45

7079

B4
T. Patna,
check

7080

F3- B4522A1-46, B4033A4-38 x B6t

1522
71

7082 -47

7083 -48

7084 -49

7085 -50

7086 -51

7087 -52

7088 -53

F3- B4522A1-54, B4033A4-38 x B6t

7089

F3- B4524A1-1, B4033A4-38 x B4031A1-3-3

7090

-2

7091

-3

7092

-4

a short stamined late mat
line very good

7093

Hv

-5

7094

8/27

-6

7095

Very early row, short stem
Very clean legulation

-7

7096

F3 - B4524A1-8, B4033A4-38 x B4031A1-3-3

7097

^{7/29}
a very early row sub made ^{4524A1} 9/29
short stream

7098

-9

7099

^{8/27} -10
Faller than other cackles
Very good types
sub made 9/29

7100

B4033A4-38-1-17,
check.

135

7101

-11

7102

-12

7103

-13

ym' late
short stream v good

7104

-14

E sub made 9/29

F₃-B 4524A1-15, B4033A4-38 x B4031A1-3-3
524A1 7105

-16

7106

-17

7107

-18

7108

-19

7109

-20

7110

-21

7111

-22

7112

F₃ - B4524A1-23, B4033A4-38 x B4031A1-3-3
7113 11524A1

7114 -24

7115 -25

7116 -26

7117 -27

7118 -28

7119 -29

7120 Rexoro, check.

113

F₃ - B4524A1-30, B4033A4-38 x B4031A1-3-3
 4524A1

E sub made

7121

-31

E sub made

7122

-32

7123

-33

E sub made

7124

-34

7125

-35

7126

-36

7127

-37

E sub
made 9/29

7128

F3 - B4524A1-38, B4033A4-38, B4031A1-3-3
7129 1524A1

7130 E sub made 9/29 -39

7131 E sub made 9/29 -40

7132 -41

7133 E sub 9/29 -42

7134 E sub 9/29 -43

7135 -44

F3 B4526A4-1, " 1526A4
7136 E sub 9/24

5/2
55

F3 - B4526A4-2, B4033A4-38 x B4031A1-3-5 A526A4-5	E Feb 9/9	7137
-3		7138
-4		7139
115 C3-22, 7/8 Rex check		7140
-5		7141
-6		7142
-7		7143
-8		7144

68
F3 - B45-26A4-9, B4033A4-38 x B4031A1-3-3
7145

E delo 9/29

A524A445

7146

-10

7147

-11

7148

-12

7149

E delo 9/29

-13

7150

-14

E delo 9/29

7151

-15

E delo 9/29

7152

-16

F3 B4526A4-17, B4033A4-38 x B4031A1-3-3
 4526A4
 2
 5

7153

-18

7154

F3- B4527A1-1, B4033A4-38 x Rexoro.
 4527A1

7155

E sub 9/29

-2

7156

-3

7157

-4

7158

-5

7159

132 B4033A4-38-1-16,
 check

7160

7161

F3 - B4527A1-6, B4033A4-38 x Rexoro
~~B4033A4~~

A527
A1

7162

-7

7163

-8

7164

-9

7165

-10

7166

-11

7167

-12

7168

-13

F3- B4527A1-14, B4033A4-38 x Rexoro
4527
A1 7169

-15 7170

-16 7171

-17 7172

-18 7173

-19 7174

-20 7175

-21 7176

88
F3- B4527A1-22, B4033A4-38 x Rexoro

7177

1152
71

-23

7178

-24

7179

7180 T. Patna, check

136

7181

-25

7182

-26

7183

-27

7184

-28

F3 - B4527A1-29, B4033A4-38 x Rexoro

4527
A1

7185

-30

7186

-31

7187

-32

7188

-33

7189

-34

7190

-35

7191

-36

7192

7193 F3-B 4527A1-37, B4032A4-38X Rexoro

4527
A1

7194 -38

7195 -39

7196 -40

7197 -41

7198 -42

7199 -43

7200 -44

4527

F3 - B4527A1-45, B4033A4-38 x Rexoro
 4527
 A1 7201

-46

7202

F3 - B4528A1-1, B4033A4-38 x Rexark
 528
 A1 *v. early Patna type*
earlier than Rexark,
must too tall, v. good negotype W 7203

-2

7204

-3

7205

-4

7206

-5

7207

-6

7208

F₃- B4528A1-7, B4033A4-38 & Remark

7209

4528
A1

7210

-8

7211

-9

7212

-10

7213

-11

7214

-12

7215

-13

7216

-14

F3 - B4528A1-15, B4033A4-38 x Rexark
4528
A1
E. Seba 9/29

7217

-16

7218

-17

7219

113 Rexoro, check.

7220

-18

7221

-19

7222

-20

7223

-21

7224

F3-B4528A1-22, B4033A4-38 x Remark

7225

A528
A1

-23

7226

-24

7227

-25

7228

-26

7229

-27

7230

-28

7231

-29

7232

4528
 AI
 F3 - B4528A1-30, B403344-38x Remark
 E del on 9/29
 7233

-31

7234

-32

7235

-33

7236

-34

E on 9/20

7237

-35

E on 9/30

7238

-36

L 9/30

7239

15
 C3-22³/₈ Rex.
 Che E.K.

7240

F3-B4528A1-37, B4033A4-38x Remark

7241

452

#1

E on 9/20

7242

-37
38

Remark maturity
Very good

No

7243

-38
39

7244

-39
40

7245

-40
41

7246

-41
42

7247

-42
43

7248

-43
44

are mostly quite tall, very clean
straw, very clean

4528
F1
F₃ - B4528A1-44, B403344-38 x Remark
7249

46
-45

E on 9/30 7250

47
-46

E on 9/20 7251

8/30 48
-47

7252

49
-48

E on 9/20 7253
Shows Rivets steadily charred

-49
50

7254

-50
51

7255

-51
52

7256

53
7257 F3 - B4528A1-52, B4033A4-38 x Remark
A528
A1

7258 E on 9/20 -53
54

7259 -54
55

7260 B4033A4-38-1-16,
Check 132

7261 F3 - B4529A1/B4033A4-38 x B4033A4-43
A529
A1

7262 E on 9/20 -2

7263 E on 9/30 -3

7264 E on 9/20 -4

529
71
F3-B4529A1-5, B4033A4-38 x B4033A4-43

7265

-6

7266

-7

7267

-8

7268

E on 9/26

-9

7269

-10

7270

-11

7271

-12

7272

F3-B4529A1-13, B4033A4-38xB4033A4-43

7273

Eon 9/2

4529
A1

-14

7274

-15

7275

-16

7276

-17

7277

-18

7278

-19

7279

Texas Patna,
check

7280

134

529
71
F3-B4529A1-20, B4033A4-38 x B4033A4-43

7281

E on 9/20

-21

7282

-22

7283

-23

E on 9/20

7284

-24

7285

-25

E on 9/20

7286

-26

7287

-27

1-E

7288

F3 - B4529A1-28, B4033A4-38 x B4033A4-45

7289

4529
A1

7290

-29

7291

1-E 9/30

-30

7292

2-E 9/30

-31

7293

-32

7294

-33

7295

-34

7296

-35

529
91
F₃ - B4529A1-36, B4033A4-38 x B4033A4-43
7297

-37

7298

-38

7299

35- B4033A4-38-1-17,
check.

7300

-39

Edm 9/30

7301

-40

7302

530
31
F₃ - B4530A1-1, B4033A4-38 x Hill Med
7303

8/30

-2

7304

Edm 9/30
V Short strand for gun length

F3-B4530A1-3, B4033A4-38 x H.11 Med.

7305

8/26

Tall E on 9/30

4530

A1

7306

8/30

-4

Very short stem, med-gr type
almost as large a grain as Zineth.
klb 9/30

7307

-5

E on 9/30

Taller than 06, sturdy stem
med - med long grain & good types
9/1

7308

-6

7309

-7

7310

-8

7311

-9

7312

8/30

-10

E on 9/30

F3- B4530A1-11, B4033A4-38xHill Med

530

8/30

7313

8/31

-12

7314

E on 9/30

-13

7315

-14

7316

-15

7317

-16

good F long of type

7318

Resembles Hill Pattern (wide lines)

JL

but shorter stem

segs for CO, earlier

-17

7319

Rexoro,
check.

7320

3

F3-B4530A1-18, B4033A4-38 x Hill Med

7321

E on 9/30

Hill Patina type

-19

H530
A1

7322

E on 9/30

-20

7323

-21

7324

-22

7325

-23

7326

E on 9/30

-24

7327

-25

7328

F₃ - B4530A1-26, B4033A4-38 x Hill Med

530
91

7329

-27

E on 9/30

7330

-28

E on 9/30

7331

-29

E on 9/30

7332

-30

7333

-31

7334

-32

7335

8/30

-33

E on 9/30

7336

7337

F3-B4530A1-34, B4033A4-38 x H.11 Mod

E on 9/20

4530
A1

7338

8/30

-35

E on 9/30

7339

E on 9/30

-36

7340

C3-22,
7/8 Rexoro, Check.

115

7341

-37

7342

-38

7343

E on 9/30

-39

7344

-40

F₃-B4530A1-41, B4033A4-38xH11/Mod

730
71

E on 9/30

7345

-42

E on 9/30

7346

-43

E on 9/30

7347

-44

7348

-45

E on 9/30

7349

-46

E on 9/30

7350

-47

E on 9/30
Full mid-p type

7351

-48

7352

F₃-B4530A3-1, B4033A4-38xHill Med.

7353

153
170

-2

7354

-3

7355

-4

7356

-5

7357

-6

7358

-7

7359

7360

B4033A4-38-1-16,
check.

130

F₃ - B4530A3-8, B4033A4-38 x Hill Med
 4530 73
 7361

-9

7362

6/30

-10

E on 9/30
 good row short leaf type

7363

-11

7364

-12

7365

-13

7366

-14

7367

-15

7368

F3-B4530A3-16, B4033A4-38x Hill Mod

7369

4530
F3

-17

7370

-18

7371

-19

7372

-20

7373

-21

7374

-22

7375

-23

7376

F₃-B4530A3-24, B4033A4-38 x Hill Med

4530
A3

7377

8/30

-25

7378

-26

7379

Texas Patna
Check

134

7380

-27

7381

8/28

-28

7382

E on 9/30
good for Med 2 Type

-29

7383

-30

7384

7385 $F_3 - B4530A3-31, B4033A4-38 \times Hill Mod$

453
A3

7386 -32

7387 -33

7388 -34

7389 -35

7390 -36
E on 9/30

7391 -37
E on 9/30

7392 -38
E on 9/30

Dr
Prel plot only E Med-gr

4530
A3
F₃-B4530A3-39, B4033A4-38 x Hill Med.
7393

-40
7394

-41
7395

-42
7396

-43
7397

-44
7398

-45
7399

35
B4033A4-38-1-17
check.
7400

F3-B4530A3-46, B4033A4-38x Hill Med.

7401

453
A3

-47

7402

-48

7403

-49

7404

-50

7405

-51

7406

-52

7407

-53

7408

F₃-B4530A3-54, B4033A4-38x Hill Med
 4530 9/21/31 7409
 73

E on 9/30

-55

7410

-56

7411

-57

7412

-58

7413

-59

7414

-60

7415

F₃-B4530A1-49,

530 9/21/31

71 E on 9/30

72 Very good E Petrus type

7416

F3-B4530A1-50, B4033A4-38 x Hill Med

7417

B453
FH

7418

1st head
8/15 9/2
Eon 9/30

-51

7419

Eon 9/30

-52

7420

Rexoro,
check

113

7421

-53

7422

-54

7423

-55

7424

4/25
Eon 9/30

-56

B4530
A1
F₃-B4530A 1-57, B4033A4-38xHill Med
7425

-58

7426

-59

7427

-60

E on 9/20 7428

-61

7429

-62

7430

531
72
F₃-B4531A2-1, B4033A4-38x8975
7431

-2

7432

F3- B453/A2-3, B4033A4-38x 8975

7433

E on 9/20

453
AR

-4

7434

-5

7435

E on 9/20

-6

7436

-7

7437

-8

7438

-9

7439

E on 9/20

7440

C3-22,
3/8 Rexoro
check

1/5

F3-B453/A2-10, B4033A4-38 x 8975

453/
AR

E on 9/30

7441

-11

7442

-12

7443

-13

E on 9/30

7444

-14

7445

-15

E on 9/30

7446

-16

E on 9/30

7447

-17

7448

F₃ - B453/A2-18, B4033A4-38x 8975

7449

E on 9/30

453
A2

7450

-19

7451

-20
good Ron
E on 9/30

7452

-21

7453

-22

7454

-23

7455

E on 9/30

-24

7456

1 E on 9/30

-25

F₃- B4531A2-26, B4033A4-38x 8975

4531
AR

E on 9/30

7457

-27

E on 9/30

7458

-28

7459

B4033A4 - ~~38~~-1-16
Check

32

7460

-30

E on 9/30

7461

-31

Very good Row Prob as Ear
Remark, Very Uniform

7462

Her

-32

7463

-33

7464

F3-B453/A2-34, B4039A4-38 x 8975

7465

E on 9/30

453
A2

7466

-35

E on 9/30

7467

-36

7468

-37

2E on 9/30

7469

-38

7470

-39

7471

-40

7472

-42

E on 9/30

F3-8453/A2-43, B9033A4-38 x 8975

4531
A2

7473

-44

7474

Very good Row. E on 9/30

-45

7475

E on 9/30

-46

7476

E on 9/30

-47

7477

-48

7478

-49

7479

E on 9/30

N

Texas Patna,
check

7480

BA

F3-B453/A2-50, B4033A4-38 x 8975

7481

453
A2

-51

7482

E on 9/20

-52

7483

-53

7484

E on 9/20

-54

7485

-55

7486

E on 9/20

-56

7487

-57

7488

Prob as early as Rexark
quite uniform material
clean for H. No Co
Very good

W

4531
 AR
 F₃-B4531A2-58, B4033A4-38x 8975
 E on 9/30
 7489

-59

7490

-60

7491

E on 9/30

-61

7492

-62

7493

V. good row
 No resistant
 E on 9/30

-63

7494

-64

7495

-65

7496

7497 F3-B4531A2-66, B4033A4-38x 8975 4531
A2

7498 -67

7499 -68
E on 9/30

7500 B4033A4-38-1-17
check 135

7501 -69
E on 9/30

7502 -70

7503 -71
HO resistant
E on 9/30

7504 -72

F3- B4531 A2 - 73, B4033 A4-38 x 8975
 4531
 A2 E on 9/30 7505

-74

Ho

7506

-75

Same sub 20 Ho
 constant

7507

-76

Ho constant E on 9/30

7508

-77

E on 9/30

7509

-78

7510

-79

7511

-80

7512

F3 - B453/A2-81, B4033A4-38x 8975

A53/
A2

-82

-83

-84

-85

-86

-87

E on 9/30

Rexoro, check

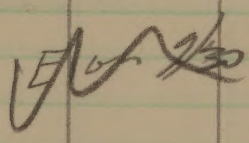
113

531
72
F3-B453/A2-88, B4033A4-38 x 8975
7521

-89
7522

-90
7523

534
71
F3 B4534A1-1, B3313A1-20 x B4033A4-43
Em 9/20
7524

-2

7525

-3
7526

-4
7527

-5
7528

88
7529

F₃-B4534A1-6, B3313A1-20 x B4033A4-43

A53
A1

7530

-7

7531

-8

7532

-9

7533

-10

7534

-11
Em 9/30

7535

-12

7536

-13
Em 9/30

F3-B4534A1-14, B9313A1-20 x B4033A4-43

1534
F1

7537

-15

7538

-16

7539

C3-22,

15 7/8 Rex, check

7540

-17

7541

-18

7542

-19

7543

-20

7544

E on 9/30

03
7545 F3-B4534A1-21, B3313A1-20 x B4033A4-4

A53
A1

7546 -22
E on 9/30

7547 -23

7548 -24

7549 -25

7550 -26

7551 -27
E on 9/30

7552 -28

F₃-B4534A1-29, B³³¹³~~523~~A1-20 < B4033A4-43

4534
A1

7553

-30

7554

-31

7555

-32

7556

-33

7557

-34

7558

-35

7559

B4033A4-38-1-16,
check

32

7560

F3 - B4534A1-36, B3313A1-20 x B4033A4-43

7561

4531

A1

-37

7562

-38

7563

-39

7564

-40

7565

-41

7566

-42

7567

E on 9/30

-43

7568

F3-B4534A1-44, B3313A1-20xB4033A4-43
 534
 H1

7569

-45

-46

7570

-47

7571

-48

7572

1 E on 9/30

-49

7573

-50

7574

-51

7575

7576

B4534A1-52, B3313A1-20 x B4033A4-4.

453
A1

7577

-53

7578

-54

7579

-55

7580

-56

134

7581

-57

7582

B4535A1-1, B3313A1-20 x BBT

1345
35
A1
1212

7583

-2

4535
A1

-3

7584

-4

7585

-5

7586

-6

7587

-7

7588

E on 9/30

-8

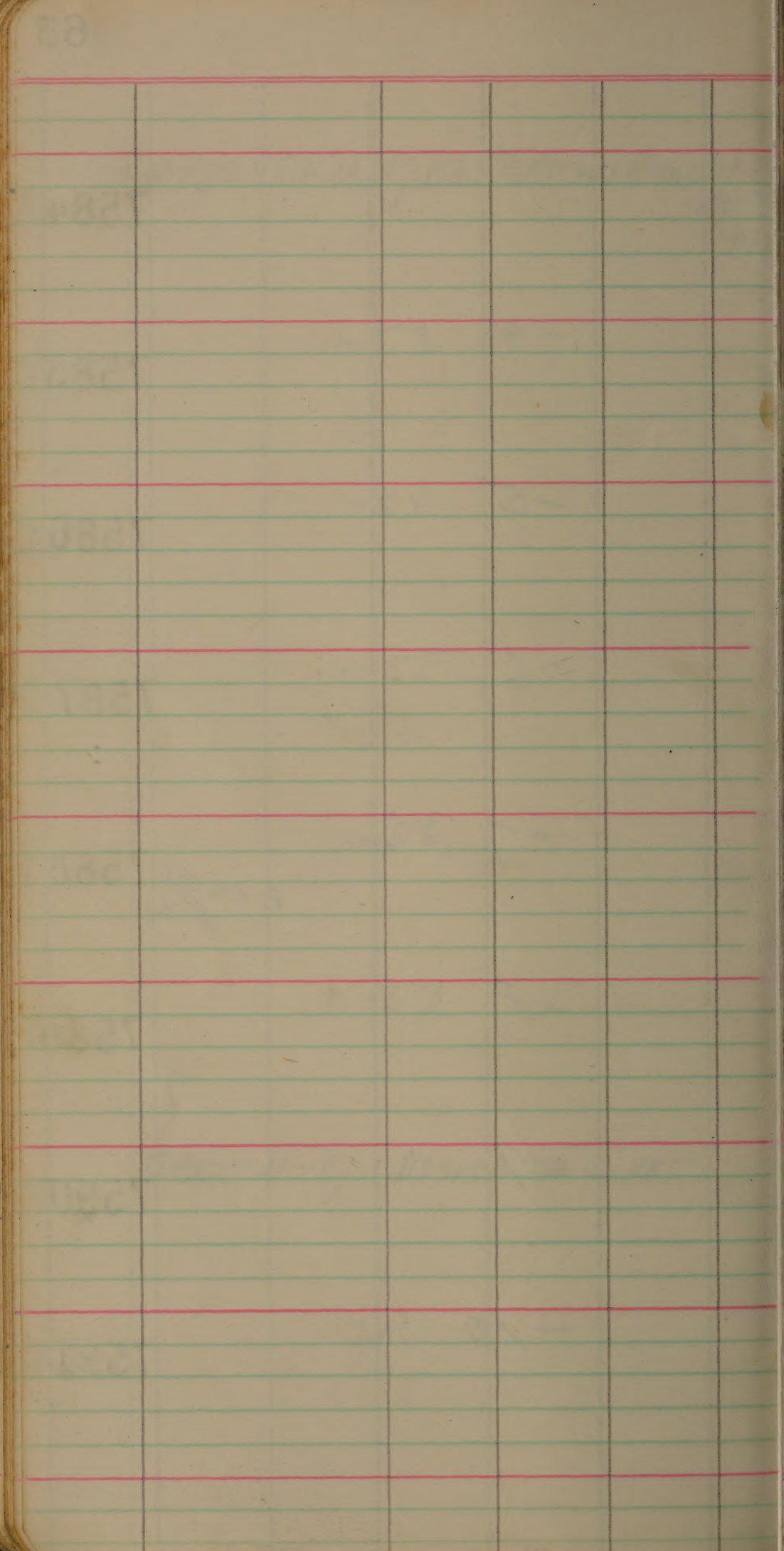
7589

-9

7590

-10

7591



7592

B4535 A1 - 1/B3313 A1-20 x BBT

B453
A1

7593

-12

7594

-13

7595

-14

7596

-15

7597

-16
E on 9/30

7598

-17

7599

-18

35

7600

-19

7601

-20

7602

-21

7603

-22

7604

-23

7605

E 1/30

-24

7606

-25

7607

7608

B4535A1-26, B3313A1-20 x BBT

E on 9/30

B453
A1

7609

-27

7610

8/23 B4536A1-1 B3313A1-20 x Hill Med.
E on 9/30

B45
A1

7611

8/24

-2

E on 9/30

7612

8/29

-3

E on 9/30

good med. gr type

-4

7613

E on 9/30

7614

-5

7615

8/17 8/26

-6

4534
71

-7

7616

-8

7617

8/20 9/2

-9

7618

Short stramed ^{E on 9/20} type, good.

-10

7619

13

7620

8/19

-11

7621

8/19

-12

7622

8/19 8/31

-13

7623

7624 B4536A1-14 B33/3A1-20 x Hill Medium
8/25 A536
A1

7625 9/1 -15

7626 8/30 -16

7627 8/17 8/31 -17
E on 9/30

7628 -18

7629 -19

7630 8/15 9/27 -20
E on 9/30

7631 -21

7534
A)

-22

7632

9/1

-23

7633

-24

7634

V. good stan type ^{Em 9/20}

-25

7635

9/25

-26

7636

Em 9/30

-27

7637

-28

7638

9/31

-29

7639

7640

115

7641

B4536A1-30, B3313A1-20 x 1/2 (1/2) (1/2)

7642

8/19 9/1

-31

7643

8/14 8/28

-32

7644

-33

7645

8/28

-34

7646

B4537A1-1, B3313A1-20 x Rexat K
8/29

B4537
A1

7647

-2

34537 A1	2/29	-3	7648
	8/29	-4	7649
	8/27	-5	7650
	E on 9/30 Black color & streak good		
		-6	7651
		-7	7652
	9/1	-8	7653
		-9	7654
	8/31	-10	7655

23
7656 B4537A1-11, B3313A1-20 x Remark B453
E on 9/30 A1

-12✓

7657

8/31 -13 - 3 -

7658

-14

7659

~~-15~~

7660

132

-15

7661

-16

7662 E on 9/30

-17

7663

-18

7664

-19

7665

-20

7666

-21

7667

-22

7668

-23

7669

-24

7670

-25

7671

7672 B4537A1-26 B3313A1-20x Remark B453
A1

7673 -27

7674 -28

7675 -29

7676 9/1 -30

7677 -31

7678 -32

7679 -33

134						7680
		- 34				7681
		- 35				7682
		- 36				7683
		- 37				7684
		- 38				7685
		- 39				7686
		- 40				7687

7688 B4537A1 — 41, B33/3A1-20 x Rwork
8/29 B4537
A1

7689 B4538A1-1, B33/3A1-20 x TP-R-SBR
8/24
E on 9/30 A538
A1

7690 9/1 — 2
E on 9/30

7691 — 3

7692 8/23 — 4
E on 9/30
up in mat, plant sturdy stem
Very good

7693 8/30 — 5
E on 9/30

7694 — 6

7695 8/14 9/12 — 7
E on 9/30

4538
#1

-8

7696

8/23 9/1 -9

7697

8/23 8/31 -10

7698

E on 9/30
Short straw, very good

8/27 -11

7699

35

7700

-12

7701

-13

7702

8/24

-14

7703

7704 B4538A1-15, B3313A1-20 xTP-R-SBR
A538
A1

7705 -16

7706 -17

7707 -18

7708 -19

7709 8/31 -20

7710 8/31 -21

7711 -22

B4538
A1

1538
A1

-23

7712

-24

7713

825

-25

7714

-26

7715

-27

7716

825

-28

7717

-29

7718

-30

7719

7720

113

7721

B4538A1-31 B3313A1-20 x (TPxR-SBK)
Em 9/30

7722

-32

7723

8/30

-33

7724

-34

7725

-35

7726

-36

7727

-37

-38

7728

A538
A1

9/1

-39

7729

-40
True breeding E. Paton
type, Family good
E on 9/20

7730

-41

7731

-42

7732

-43

7733

-44

7734

-45

7735

7736

B4538A1-46 B3313A1-20 x (TPXR-SBR
BA53
A1

7737

-47

7738

-48

7739

-49

7740

~~5~~

115

7741

-50

7742

-51

7743

-52 ✓

34538
A1

-53

7744

-54

7745

-55

7746

-56

7747

9/1

-57

7748

-58

7749

-59

7750

-60

7751

7752 B4539A1-1, B 3313A1-20 x Remark
A53
A1

7753 -2

7754 -3

7755 -4

7756 -5

7757 -6

7758 -7

7759 -8

32

7760

-9

7761

-10

7762

-11

7763

-12

7764

-13

7765

-14

7766

-15

7767

7768

B4539A1-16, B3313A1-20 x Rexonk

A53
A1

7769

-17

7770

-18

7771

B4540A1-1, B3313A1-20 x Hill Med.

B45A
A3

7772

-2

7773

9/1 -3
E on 9/20

7774

-4

7775

-5

ASAD
A3

-6

7776

-7

7777

9/1

EOL

9/30

-8

7778

-9

7779

34

7780

9/1

-10

7781

9/1

-11

7782

-12

7783

7784

B4530A1-13, B3313A1-20 x Hill Medium

B454
A3

7785

-14

7786

-15

B4540
A4

7787

-16

7788

-17

7789

E or 9/30 -18

7790

-19

7791

-20

-21

7792

-22

7793

-23

7794

B454/A1-1, B3313A1-20 x B4033A4-38-1

7795

-2

7796

-3

7797

-4

7798

-5

7799

7800

135

7801

B454/A1-6, B33/3A1-20 x B4033A4-38-1

7802

-7

7803

-8

7804

-9

7805

-10

7806

-11

7807

-12

541
A1

-13

7808

2E or 9/30

-14

7809

2E or 9/30

-15

7810

-16

7811

-17

7812

1E or 9/20

-18

7813

-19

7814

-20

7815

7816

B454/A1-21, B3313A1-20 x B4033A4-38-1

A541
A1

7817

-22

E on 9/20

7818

-23

7819

-24

E on 9/20

7820

113

7821

-25

7822

-26

7823

-27

- 28

7824

- 29

7825

- 30

7826

- 31

7827

- 32

7828

- 33

7829

- 34

7830

- 35

7831

B4541A1-36 B33/BA1-20 x B4033A4-28

7832

8/21
E on 9/20

45/11
A1

7833

-37

7834

-38

7835

-39

7836

-40

7837

-41

7838

-42

7839

-43

15

-44

7840

-45

-46

7841

-47

7842

-48

7843

B4544A1-1, B3313A1-20 x ~~RA~~

8975

7844

44 8/31

E

E on 9/30

2

7845

E on 9/30

8/31

E on 9/30

7846

B454AA1-4, B333BA1-20 x 8975(R-N)

7847

8/31
E on 9/30

2

454AA1
R1

7848

E on 9/30

5

7849

E on 9/30

6

7850

E on 9/30

7

7851

8

7852

has exceptionally good stain

7853

E on 9/30

10

7854

8/31

E on 9/30

min 11
gr

Tell that v longish, good grain

3/4

Very good ¹² shaw types, late 7855

9/1

13

7856

9/1

14

7857

E on 9/20

7858

15

7859

16

E on 9/20
Vigwood Row

7860

17

8/29

18

7861

8/30

19

7862

E on 9/30

B4544A1-20 B3313A1-20 x 8975(R-N)

7863

~~8/30~~
E on 9/30

~~20~~

45/11
111

7864

E on 9/30

21

7865

9/2

E on 9/30

22

7866

23

7867

24

7868

8/30

25

7869

8/30

Rel short stem, P. 2. Reddish
not clear stem & leaves

7870

27

B4A
A1

-28

E on 9/30

7871

8/29

-29

E on 9/30

7872

8/29

-30

E on 9/30

7873

-31

7874

-32

7875

-33

7876

B4545A1-1, 8/28 TPx Hill Medium

545
71 Sh stream & gray E Hill

7877

All red types Very good, much like 179+80

Hill

8/28

-2

7878

~~-33~~

E on 9/30

B4545A1-3, TPx Hill Medium

7879 8/28
E on 9/30

11545
A1

7880

-4

134

7881

-5

7882

-6

7883

-7

7884

8/27
E on 9/30

-8

7885

9/2

-9

7886

8/37
E on 9/30

-10

545
71-11
9/1

7887

-12

7888

-13

7889

-14 8/28

7890

-15 8/18 8/31

7891

-16 8/26

7892

E m 9/20

-17 8/30

7893

-18 8/27

7894

7895 B4545A1-19, TP x Hill Medium
8/31 E on 9/30 135
A1

7896 -20

7897 -21

7898 8/31 -22

7899 B4545A2-1, TP x Hill Medium
E on 9/20 135
A2

7900 -2 135

7901 -3
E on 9/30

7902 -4
E on 9/30

15.15
92

-5

7903

-6

7904

E 9/30

-7

7905

-8

7906

-9

7907

-10

7908

-11

7909

10 9/30

-12

7910

B4545A2-13 TP x Hill Medium

7911

B4545A2
P2

-74

7912

7913

good ¹⁵ Row
E on 9/30

7914

-16

7915

-17

7916

-18

7917

B4545A1-23, TP x Hill Medium

B4545A1

7918

-24

-25

7919

-26

7921

-27

7922

-28

7923

-29

7924

-30

7925

B4552A1-1, T.P. x 3313A1-20

7926

7927 B4552A1-2, T.P. x 3313A1-20
A552
A1

7928 -3

7929 -4

7930 -5

7931 -6

7932 -7

7933 -8

7934 -9

552
710

-10

7935

-11

7936

-12

7937

-13

7938

-14

7939

5

7940

-15

7941

-16

7942

134552 AI-17 T.P. x 3313A1-20
7943

1455R
AI

7944 -18

7945 -19

7946 -20

7947 -21

7948 -22

7949 -23

~~7950~~

7951

7952

7953

7954

7955

7956

7957

7958

7959

7960

7961

7962

7963

7964

7965

7966

7967

7988

7989

7979

7971

7972

7973

7974

79~~7~~5

79~~7~~6

79~~7~~7

79~~7~~8

79~~7~~9

79~~8~~0

79~~8~~1

79~~8~~2

~~7883~~~~7884~~~~7885~~~~7886~~~~7887~~~~7888~~~~7889~~~~7890~~

~~7981~~

~~7982~~

~~7983~~

~~7984~~

~~7985~~

~~7986~~

~~7987~~

~~7988~~

~~7999~~~~8000~~~~8001~~~~8002~~~~8003~~~~8004~~~~8005~~~~8006~~

8007

8008

8009

8010

8011

8012

8013

8014

~~8015~~~~8016~~~~8017~~~~8018~~~~8019~~~~8020~~~~8021~~~~8022~~

10
~~8023~~

~~8024~~

~~8025~~

~~8026~~

~~8027~~

~~8028~~

~~8029~~

~~8030~~

~~8031~~~~8032~~~~8033~~~~8034~~~~8035~~~~8036~~~~8037~~~~8038~~

8039

8040

8041

8042

8043

8044

8045

8046

~~8047~~~~8048~~~~8049~~~~8050~~~~8051~~~~8052~~~~8053~~~~8054~~

8 ~~8055~~

8 ~~8056~~

8 ~~8057~~

8 ~~8058~~

8 ~~8059~~

8 ~~8060~~

8 ~~8061~~

8 ~~8062~~

~~8063~~~~8064~~~~8065~~~~8066~~~~8067~~~~8068~~~~8069~~~~8070~~

8071

8072

8073

8074

8075

8076

8077

8078

~~8079~~~~8080~~~~8081~~~~8082~~~~8083~~~~8084~~~~8085~~~~8086~~

~~8087~~

~~8088~~

~~8089~~

~~8090~~

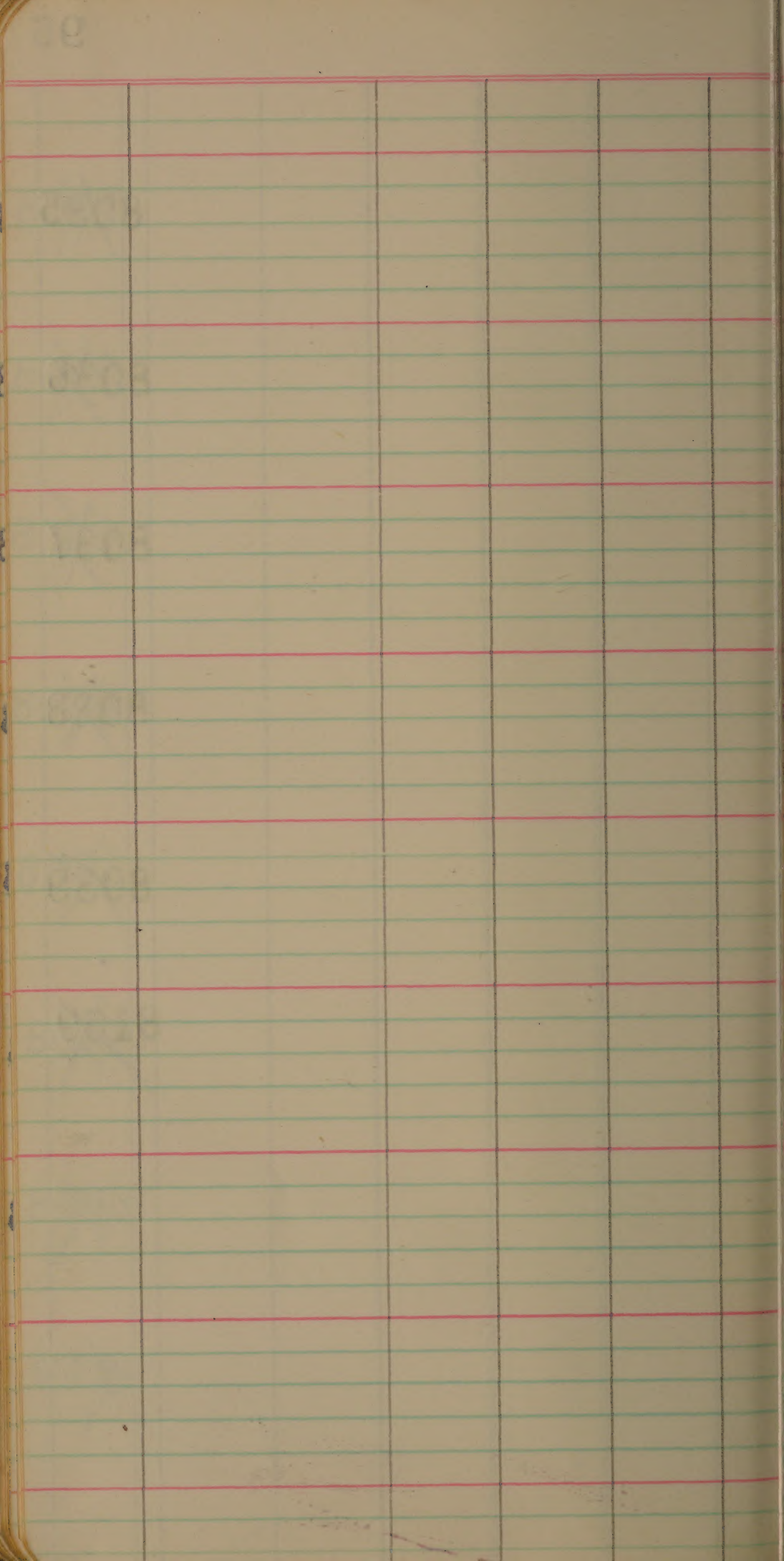
~~8091~~

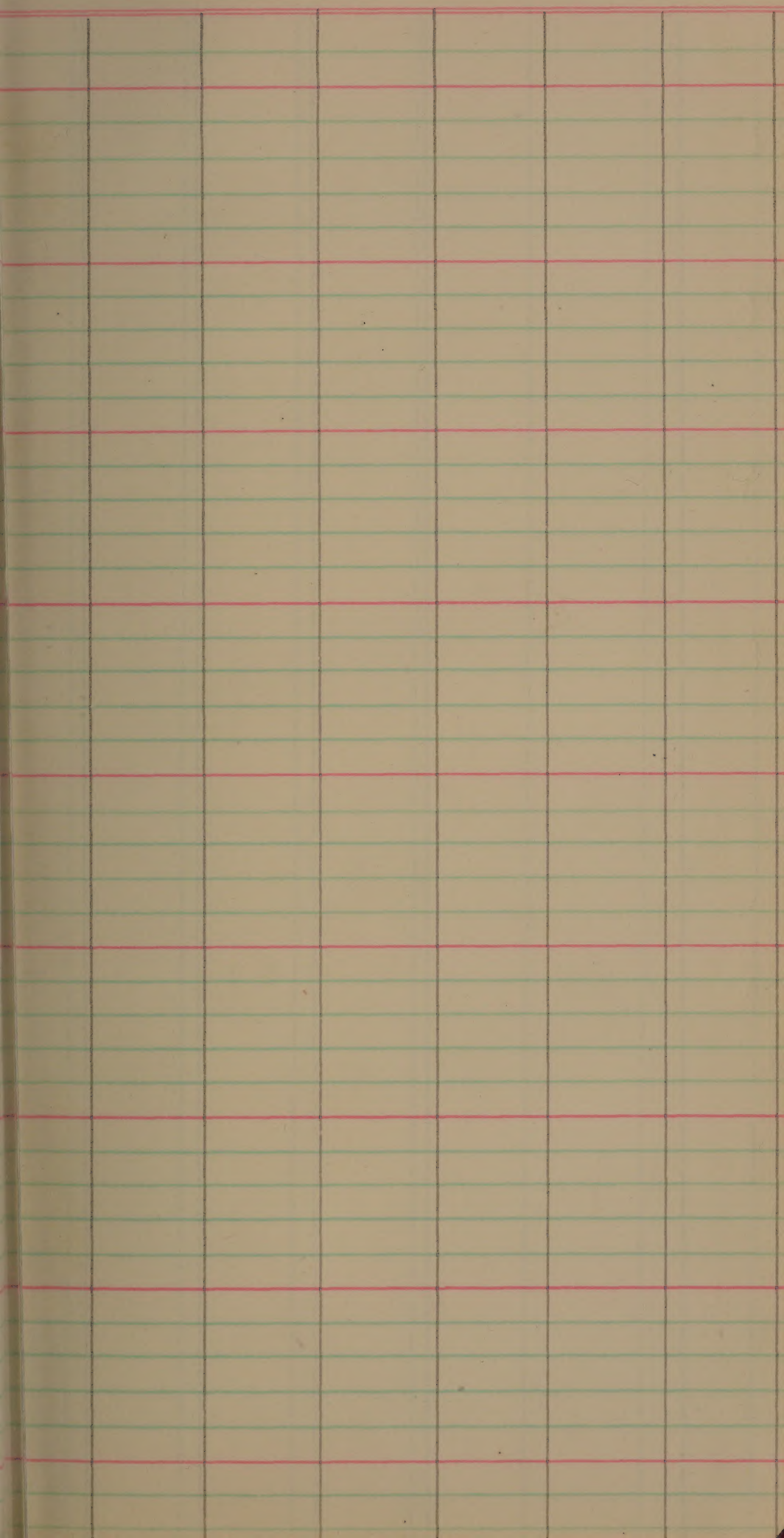
~~8092~~

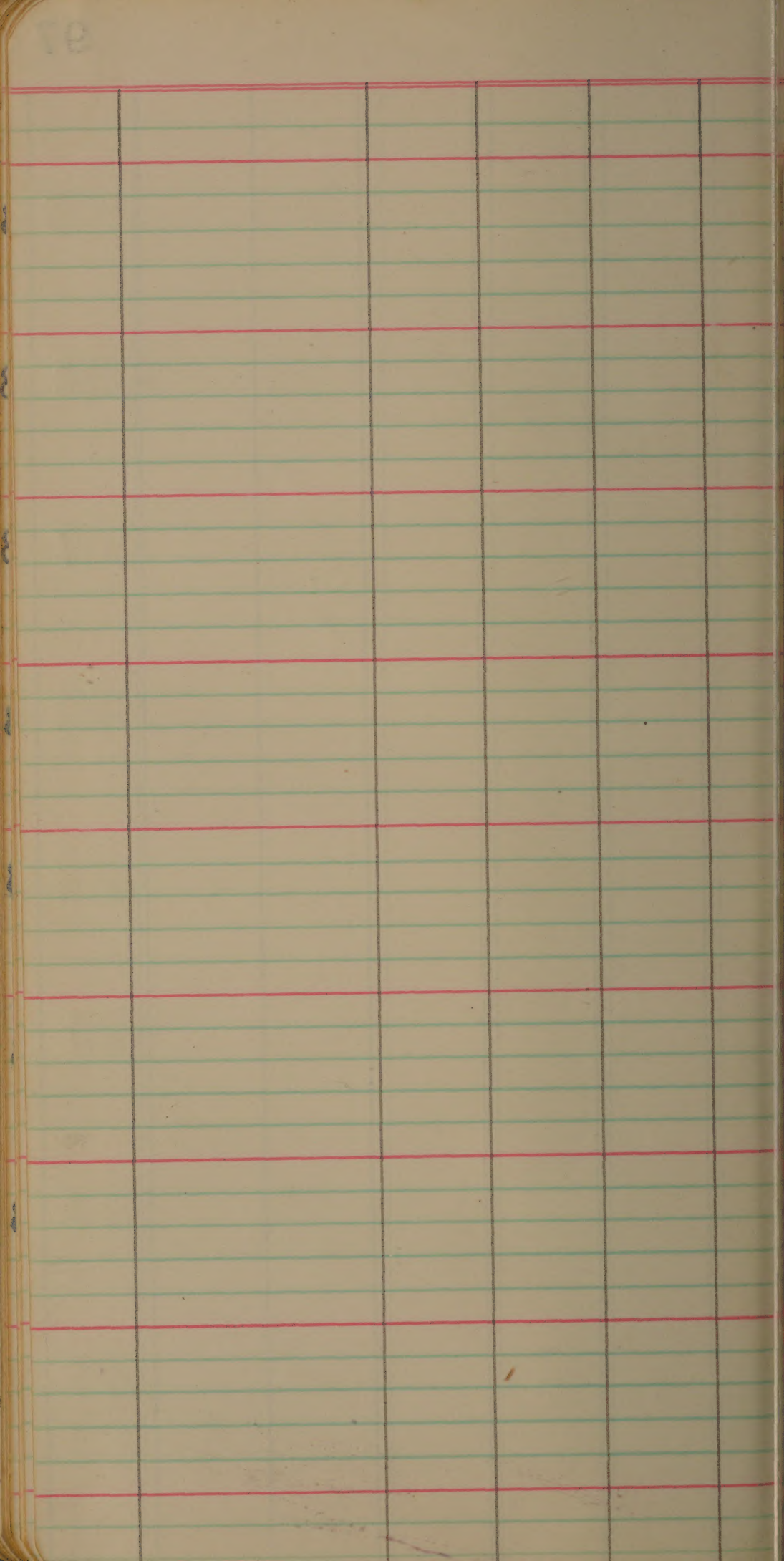
~~8093~~

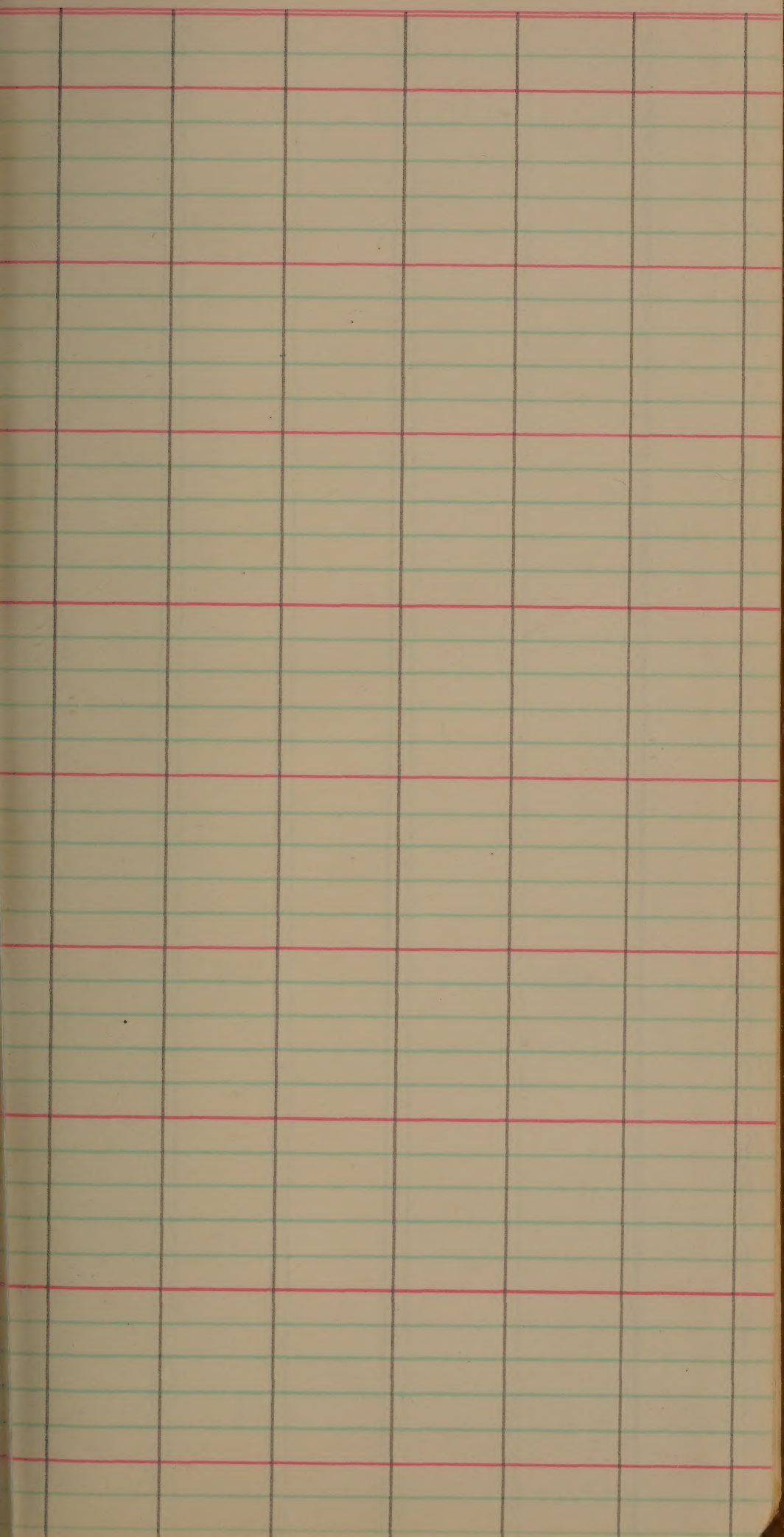
~~8094~~

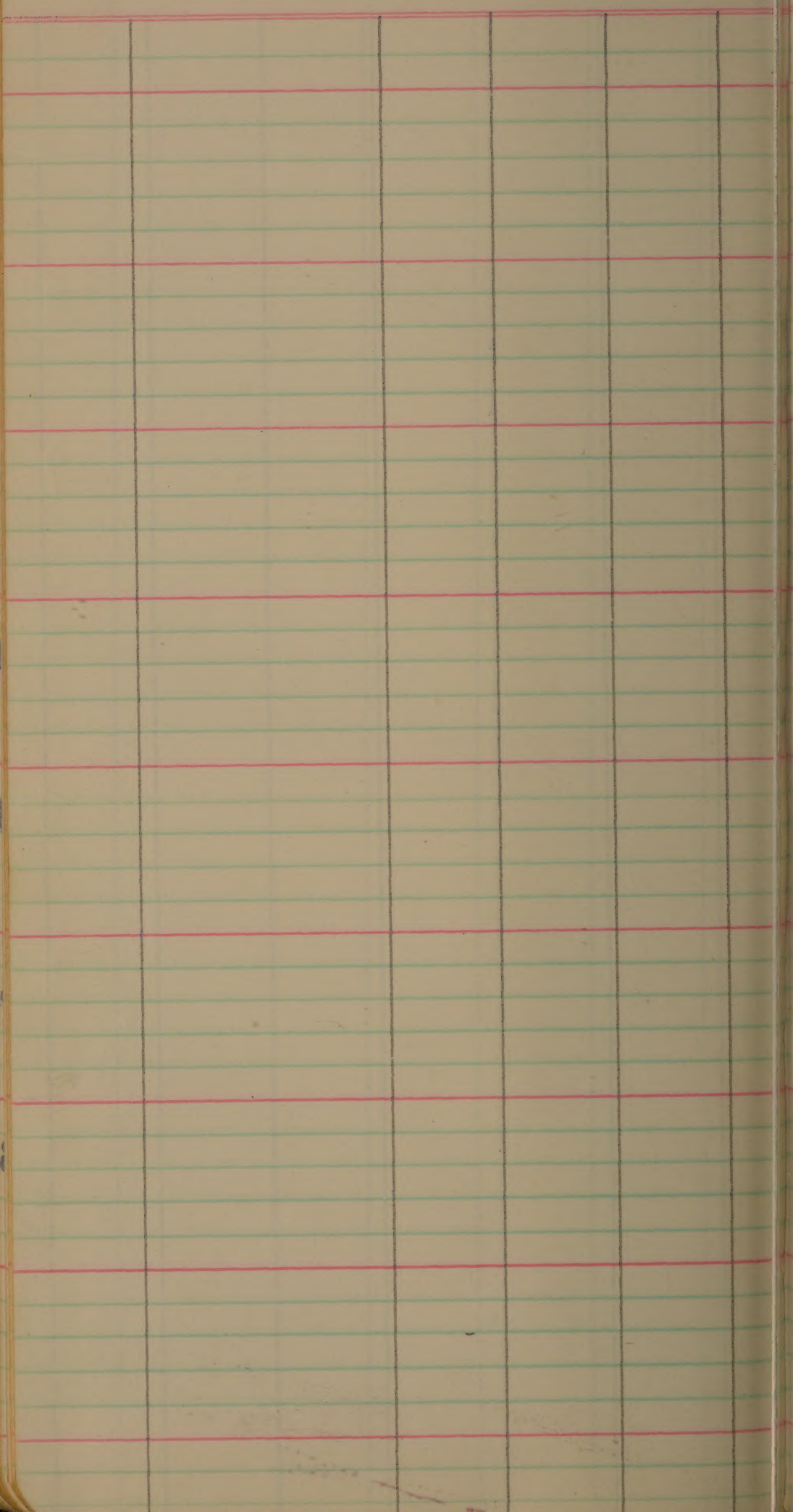
~~8095~~~~8096~~~~8097~~~~8098~~~~8099~~~~8100~~

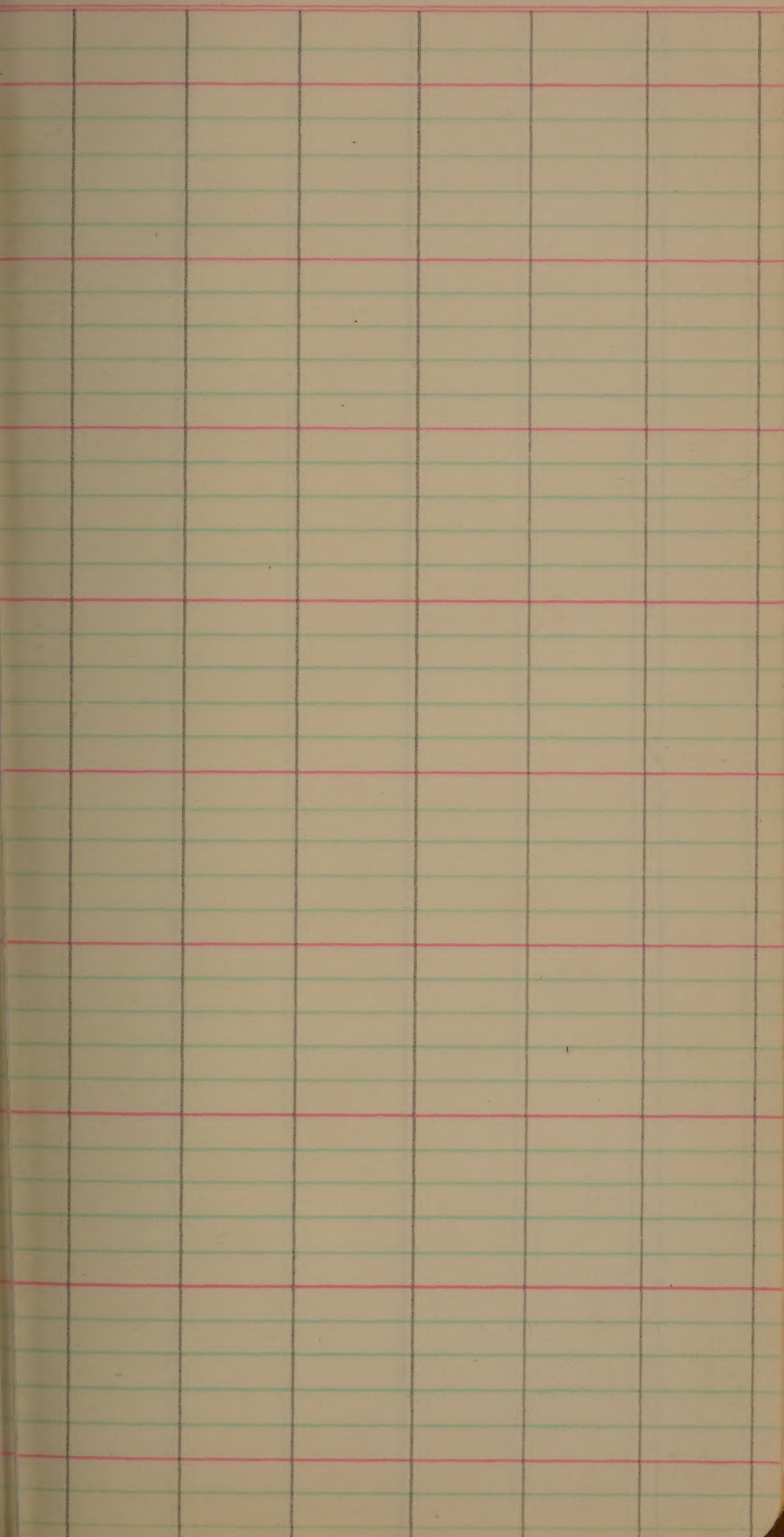


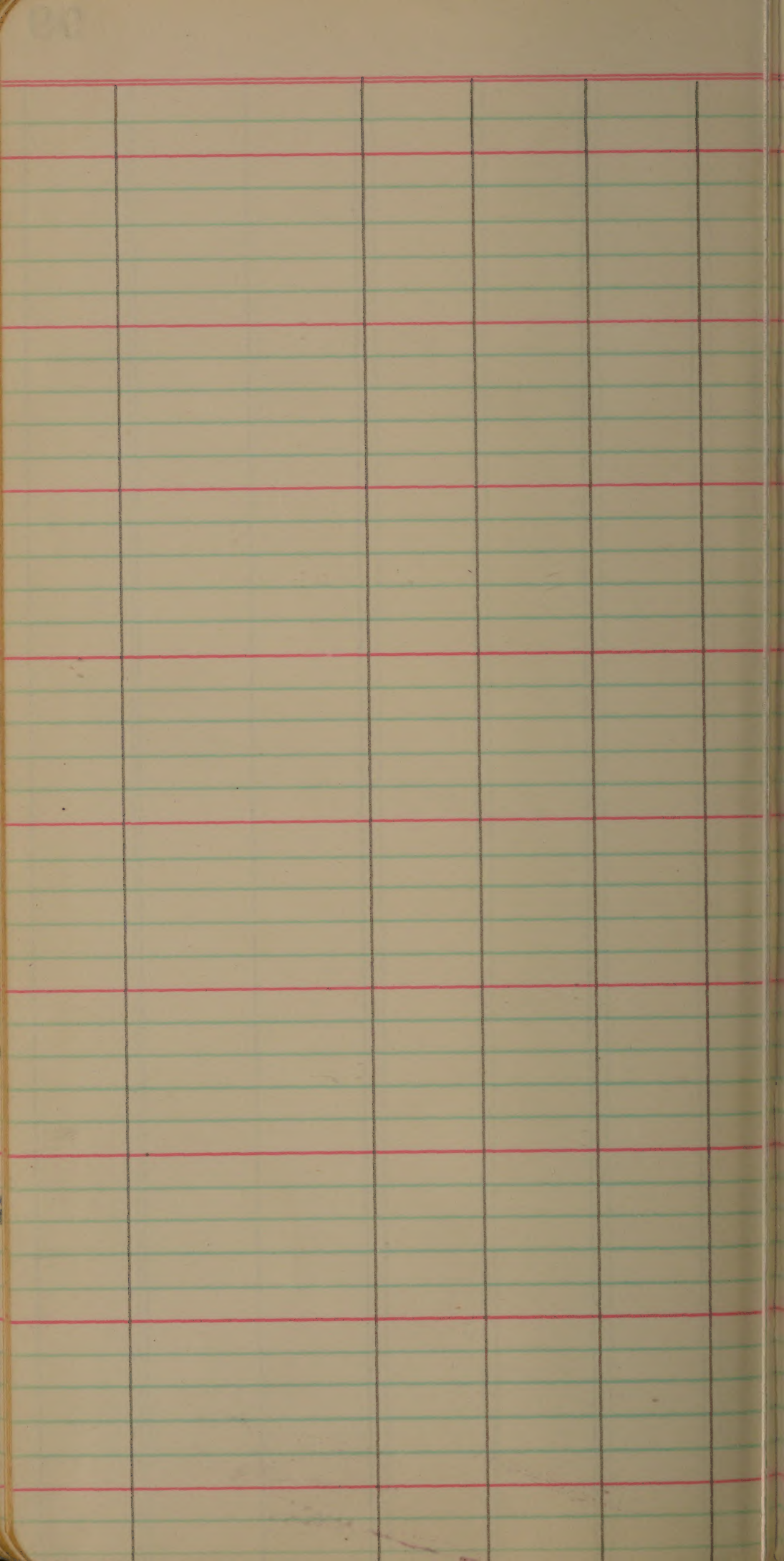


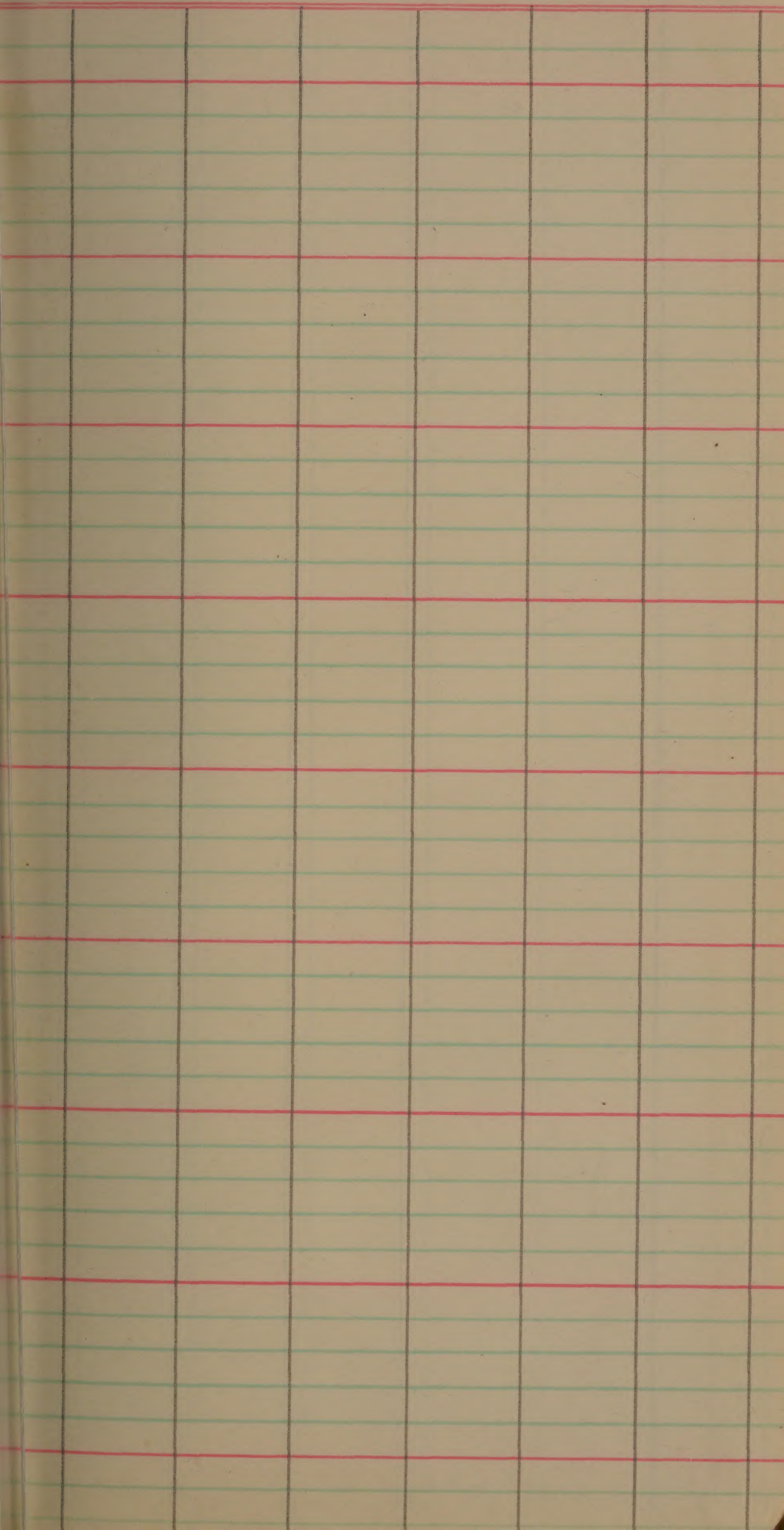


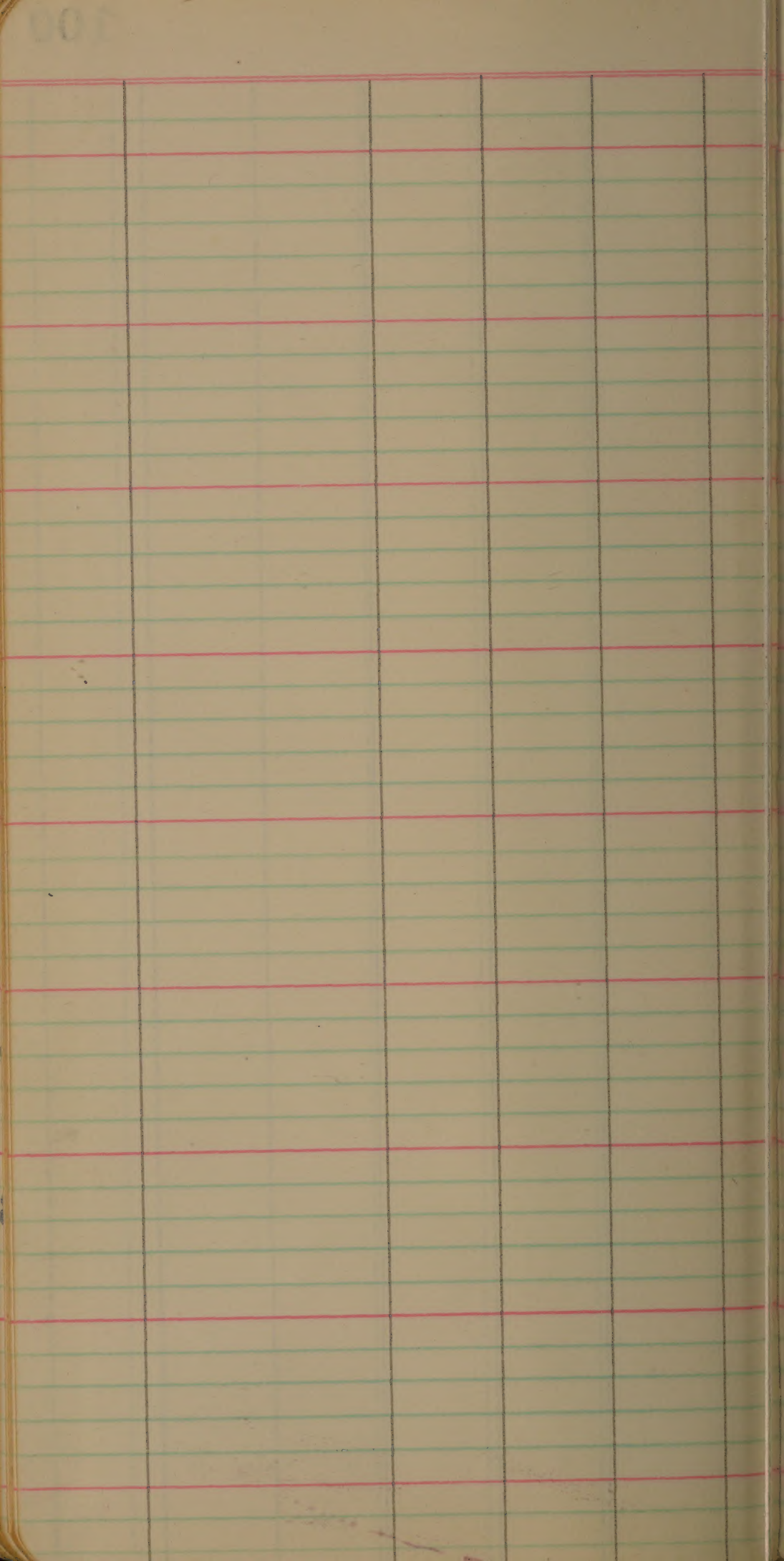


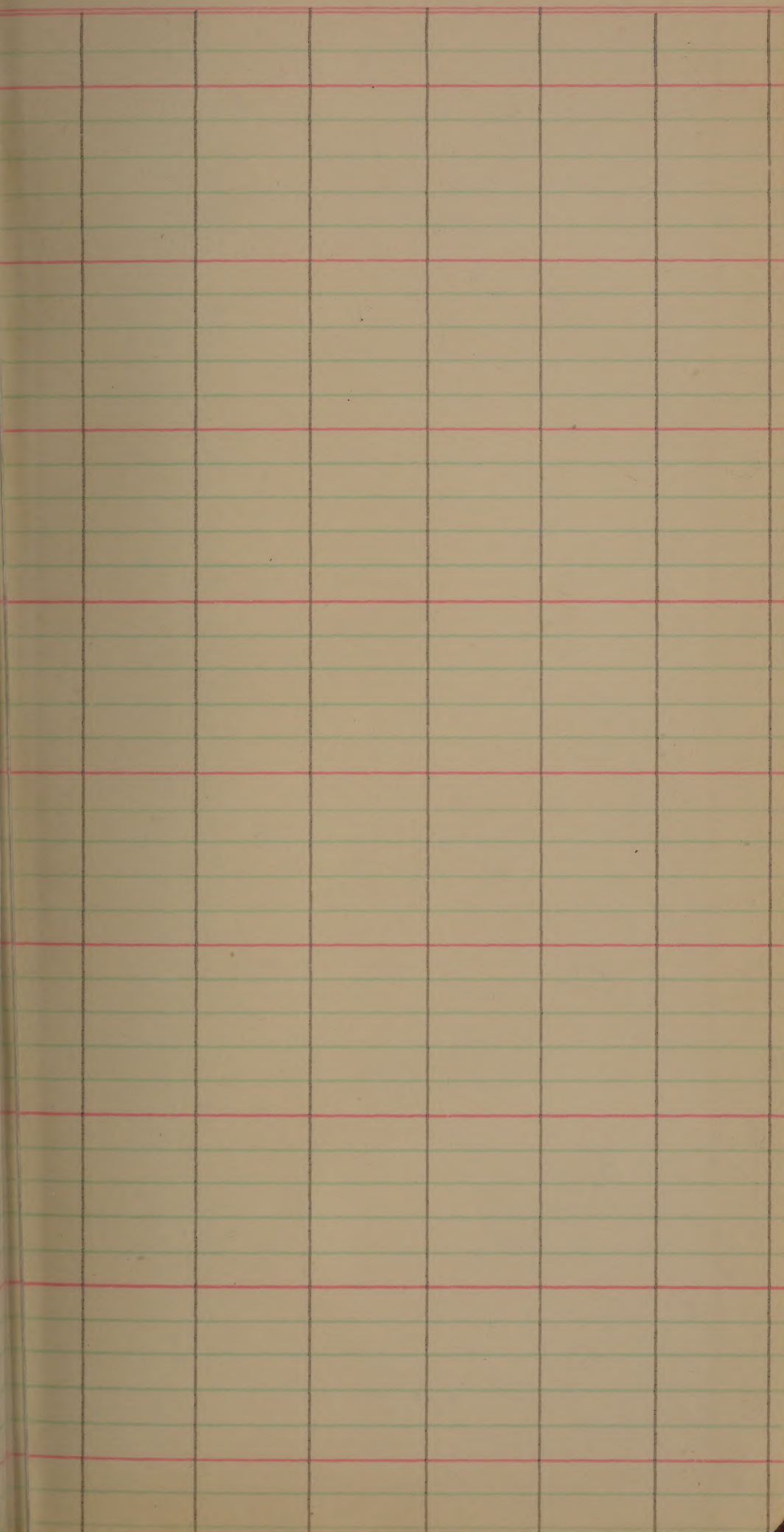


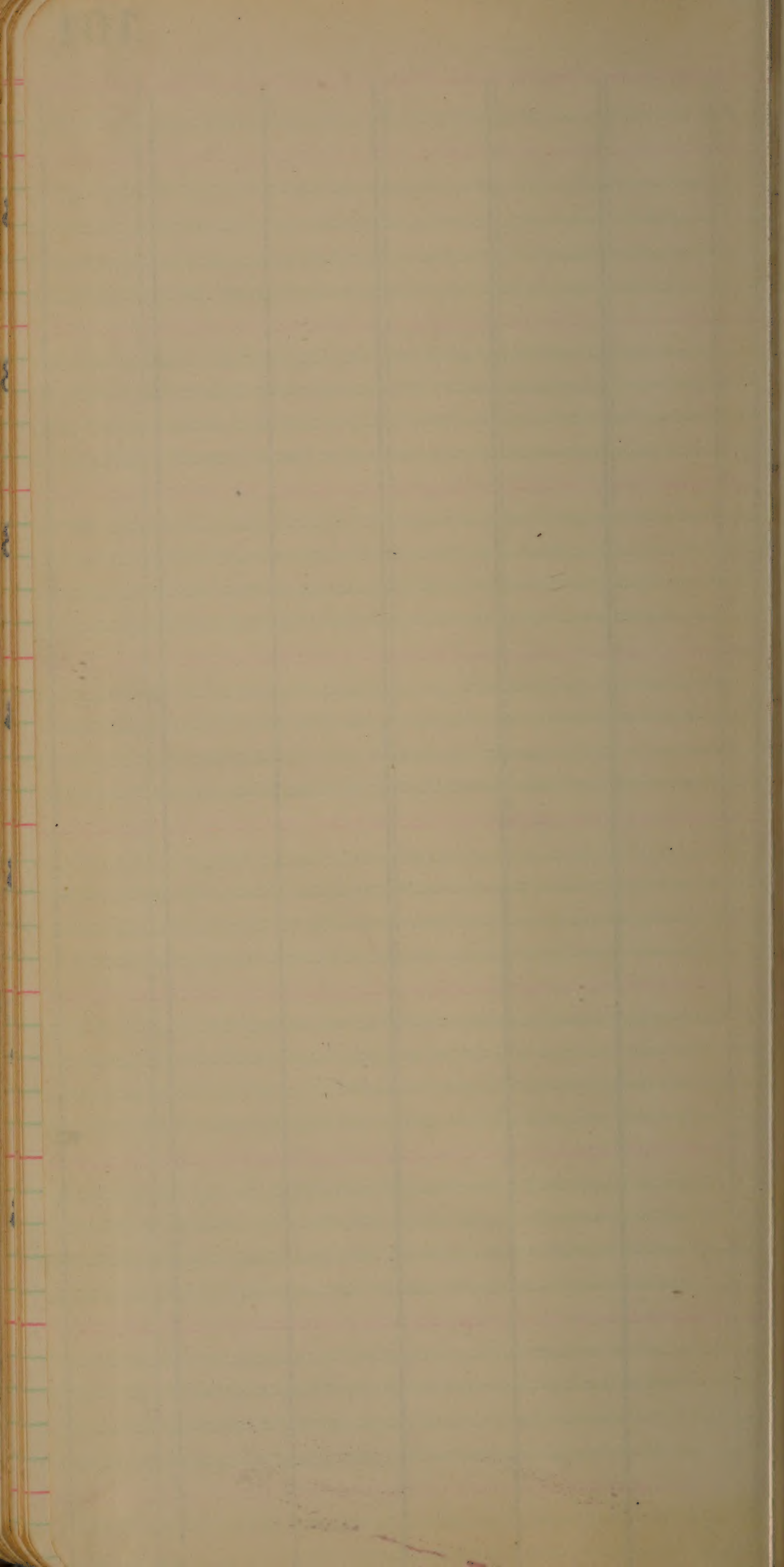












Domest (not Bu on 12/6)

6616

6656

6769

Domest + bulk
6768-68.
70
71
72
73
35

8100 - 6 - 8/15

8235

not harvested Dec 8th

7093

7103

Worked to 8210 on 11/2

8700

8466

11/3

11/4

PER 395

TP 389 1 lb.

8415 Send to J.W.J

~~8357-54~~

~~8 2~~

~~9 3~~

~~61 4~~

~~2 5~~

~~3 6~~

~~4 7~~

~~5 8~~

~~6 9~~

~~7 61~~

~~8 2~~

~~9 3~~

~~70 4~~

~~1 5~~

~~2 6~~

~~3 7~~

~~4 8~~

~~5 9~~

~~6 70~~

~~7 1~~

~~8 2~~

~~9 3~~

~~81 4~~

~~2 5~~

~~3 6~~

~~4 7~~

~~5 8~~

~~6 9~~

~~7 81~~

~~8 2~~

~~9 3~~

~~90 4~~

~~1 5~~

~~2 6~~

~~3 7~~

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.
.....

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

Hand

100	100	
100	100	
100	100	
100	100	

100

4532A1

~~Cross #1 4033A4-38x3812A1-2-2~~
 7950 H0-1; 4033A4-38x3812A1-2-2
 7x R A1

7951 -2 6x S H2

7952 -3
 Nightly R. 3x M H2
 1 Em 9/20

7953 -4 10 S H4

7954 -5 9 S H5

7955 -6 10 S H6

7956 -7 10 S H7

7957 -8 5 M H8
 30m 9/20

H9	S	-9 8	7958
H10	M	-10 6x	7959
		1E on 9/20 Highly R to H0	
19		-11	7960
H11	R	10 -11	7961
H12	M	4 -12	7962
		1E on 9/20	
H13	M	5x -13	7963
H14	S	6x -14	7964
H15	M	10 -15	7965

7966	HO-16, 4033A 4-38 x 3812 A1-2 ²	7x	S	H14
------	--	----	---	-----

7967	-17	7	S	H17
------	-----	---	---	-----

7968	-18	4x	S	H18
------	-----	----	---	-----

7969	-19	7	M	H19
------	-----	---	---	-----

7970	-20	6	S	H2
------	-----	---	---	----

7971	-21	6x	S	H2
------	-----	----	---	----

Heavy Rain.
Short study, slow

7972	-22	6	M	H2
------	-----	---	---	----

7973	-23	4	R	H2
------	-----	---	---	----

Highly R to Ho
1 E on 9/36

H24	M	-24 6	7974
H25	R	-25 10 moderately, 3 E on 9/30 P to 10	7975
H26	S	-26 6	7976
H27	S	-27 10	7977
H28	M	-28 10 Highly R in field	7978
H29	M	-29 8	7979
		 	7980
H30	S	-30 6	7981

7982	HO-31, 4033H4-38 x 3812A1-2-2	6	M	H31
7983	-32 Sh stam, late (X) stock profusely, long beard stands up very well, highly R good to cross with Cuban variety	5	S	H32
7984	-33	4	M	H33
7985	-34	6X	M	H34
7986	-35 2E on 9/30 Highly R profusely no HO	6	R	H35
7987	-36 5E on 9/30 (+) Row is highly R to HO	3X	R	H36
7988	-37 Highly R in field good green types early	3X	M	H37
7989	-38	7	S	H38

H39	M	-39 8X		7990
		good v. long heads short stems		(X)
H40	M	-40 6X		7991
		an exceptionally good row long heads good stems		(X)
H41	S	-41 7X		7992
H42	M	-42 6		7993
H43	S	-43 4X	1 E on 9/30	7994
H44	M	-44 1	2 E on 9/30	7995
H45	Seg	-45 1		7996
H46	M	-46 5X		7997

Labels made 10/4

7998	H0-47, #033A4-38x381241-2-2	4	S	HA7
------	-----------------------------	---	---	-----

7999	-48	3X	S	HA8
	1 E on 9/30			

8000

8001	8/24 -49			
✓	mostly succ. Exaptisall (2) good rough smooth Petiole type some fairly R type		S	HA0

8002	8/24 -50	10	M	H50
✓				

8003	8/26 7/4 -51			
✓	Uniform mat show hulls! some fairly clean plants		M	H51

8004	-52	2X	S	H52
✓				

8005	8/25 7/4 -53	3X	S	H53
------	--------------	----	---	-----

H54	M	8/19 1	-54	8006
H55	M	8/19 8/31 1	-55	8007
H56	M	8/19 8/31 8x	-56	8008
H57	R	9/2 6x	-57	8009
H58	R	9/28 5x	-58	8010
H59	S	10	-59	8011
Breeding true, brief. late				
H60	S	8/23 3	-60	8012
H61	S	8/31 10	-61	8013

8014

HO-62, 4033A4-38x3812A1-2-2

1

S

H62

8015

8/20 9/3 -63

6x

R

H62

8016

-64

5x

M

H6A

8017

8/31

-65

5x

M

H62

8018

-66

6x

M

H62

8019

9/3

-67

6

S

H62

8020

8/31

8021

8/31

-68

2

M

H62

⊗

very good type,
1 gun strain & leavesHighly Resistant to Ho in field
short strain.

H69	S	-69 10	8022
H70	M	-70 6	8023
H71	M	-71 $\frac{8}{23}$ 1	8024
Highly Rain field			
H72	M	-72 $\frac{8}{31}$ 10	8025
H73	S	-73 $\frac{8}{39}$ 9	8026
H74	M	-74 $\frac{8}{22} \frac{7}{3}$ 4	8027
He			
H75	M	-75 $\frac{8}{31}$ 2X	8028
H76	S	-76 $\frac{8}{31}$ 3	8029

8030	8/31	HO-77	4033A4-38x38/2A1-2	5x	R	H77
------	------	-------	--------------------	----	---	-----

8031	9/4	-78		4x	M	H78
------	-----	-----	--	----	---	-----

8032	8/21	-79		3x	S	H79
------	------	-----	--	----	---	-----

8033	8/31	-80		3x	M	H80
------	------	-----	--	----	---	-----

8034	8/23 9/3	-81		8x	M	H81
------	----------	-----	--	----	---	-----

8035		-82		6x	M	H82
------	--	-----	--	----	---	-----

8036		-83		6	R	H83
------	--	-----	--	---	---	-----

8037		-84		7	M	H84
------	--	-----	--	---	---	-----

H85	M	-85 8/23 5	8038
H84	R	-86 8/21 4	8039
		-	8040
H87	seg	-87 4	8041
H88	R	9/1 -88 8	8042
H89	R	9/2 -89 5x	8043
H90	M	-90 5x	8044
H91	M	-91 2x	8045

late row, br true, Patina grain
type, like 4033/49-38
Good - may not be a del.

Dr

8046	8/23 9/3 HO-92	2	S	H9A
------	-------------------	---	---	-----

8047	HO-93 a very good one	3	M	H9A
------	--------------------------	---	---	-----

8048	8/23 9/3 HO-94	2X	M	H9A
------	-------------------	----	---	-----

8049	9/1 HO-95	7	S	H9A
------	--------------	---	---	-----

8050	8/23 HO-96	6	M	H9A
------	---------------	---	---	-----

8051	8/19 9/3 HO-97	5X	M	H9A
------	-------------------	----	---	-----

8052	8/26 9/3 HO-98	5	R	H9A
------	-------------------	---	---	-----

8053	HO-99 quite clean Very good types, quite uniform	3	S	H9A
------	--	---	---	-----

H100	M	8/25 9/3 1 X	8054
------	---	-----------------	------

H0.100

H101	M	2 X	8055
------	---	-----	------

H0.101

H102	M	8/21 2 X	8056
------	---	-------------	------

H0.102

H103	M	8/19 8/30 2	8057
------	---	----------------	------

H0.103

H104	S	8/20 8/31 3	8058
------	---	----------------	------

H105	M	3 1	good Row.	8059
------	---	----------------	-----------	------

Plants not as clean as some

			8060
--	--	--	------

H106	S	8/18 8/31 10	8061
------	---	-----------------	------

8062

10

S

H10

8063

8/23 9/4

1X

M

H10

8064

8/31

venetian plants

5

S

H11

H10

8065

2X

S

H110

H11

8066

8/31

5X

M

H109

H11

8067

8/27

5

S

H112

8068

8/19 8/27

3

S

H11

8069

One of the most
highly resistant ones
observed.

7X

M

H11

Send seeds to Jones

H115	R	4	8070
------	---	---	------

H116	M	4	8071
------	---	---	------

H117	M	5	8072
------	---	---	------

H118	M	3X	8073
------	---	----	------

Susceptible plants in F₂ in field
 Cross #2, 4525 A1

4033 A4-38X

3812 A1-2-2

H119	Seg	8/20/11 7	8074
------	-----	--------------	------

H120	M	8/21 8/31 3	8075
------	---	----------------	------

H121	M	9/1 OX	8076
------	---	-----------	------

Clean row

H122	M	8/29 9/3 OX	8077
------	---	----------------	------

8078		OX	S	H12
8079		OX	S	H124
8080				
8081	8/25	OX	R	H125
8082	8/25	O	M	H124
8083	8/25 9/4 Very clean row	O	M	H12
8084	8/26 9/3	3X	R	H12
8085	8/27	I	M	H12

4130	M	$8/26 \frac{9}{3}$ OX	8086
4131	R	$8/27$ OX	8087
4132	R	$8/27$ O	8088
4133	M	$8/23 \frac{9}{1}$ 3	8089
4134	M	2	8090
4135	M	$8/20 \frac{9}{3}$ OX	8091
4136	R	$8/21$ 1	8092
4137	M	$8/23$ 4	8093

8094	8/19 9/31	4	Seg	H138
8095		2	M	H139
8096	8/27	6	S	H140
8097	8/23	1	M	H141
8098	8/23 9/3	3	R	H142
8099	8/23	2	M	H143
8100				
8101	8/31	2 ⁺	M	H144

4145	S	1x	8102
Very good grain quality & shape (Patton) Early			
4146	R	$\frac{8}{31}$ 2	8103
4147	S	$\frac{8}{31}$ 7	8104
4148	M	$\frac{8}{15}$ $\frac{8}{27}$ 0	8105
4149	M	0x	8106
4150	M	0x	8107
4151	R	5	8108
4152	R	$\frac{9}{1}$ 5x	8109

8110	8/25 9/3	3x	M	H15
8111	8/29	7	M	H154
8112	2 M H154 <i>a very good row agronomically clear for H15</i>			
8113		3	M	H154
8114	8/31	4	M	H15
8115	8/31	2	M	H15
8116		5x	S	H154
8117	8/31	1	M	H16

4161	M	8/23 1x	8118
			8119
4162	S	10	8120
4163	S	5x	8121
4164	R	5	8122
		Very good grain shape & quality (only fair for CO)	
4165	M	8/31 7	8123
4166	M	8/23 7x	8124
4167	M	3	8125

8126		b	R	H168
8127	9/1 Agronomically one of best rows in cross, Bluebonnet type but questionable grain quality	3	M	H169
8128	8/24	4	M	H170
8129		5	M	H171
8130		2	R	H172
8131	8/25	6	M	H173
8132	8/29	5	R	H174
8133	9/1	5	M	H175

4176	M	3	8134
------	---	---	------

4177	M	5x	8135
------	---	----	------

4178	M	$\frac{8\frac{1}{2}}{5}$	8136
------	---	--------------------------	------

4179	M	$\frac{9\frac{1}{2}}{5}$	8137
------	---	--------------------------	------

4180	M	3x	8138
------	---	----	------

4181	M	5	8139
------	---	---	------

Very good types
for H.O.

			8140
--	--	--	------

4182	M	4	8141
------	---	---	------

8142	8/26	4	R	H183
8143		8x	M	H184
8144	8/31	5	M	H185
8145		4x	M	H186
8146		5x	R	H187
8147	9/2	5x	M	H188
8148	9/1	4x	R	H189
8149		1	M	H190

191	M	3	✓ good quality, grain types etc not clean for HO	8150
192	M	5		8151
193	Seg R	5		8152
194	M	5		8153
195	M	5x		8154
196	M	6x		8155
197	R	4x		8156
198	M	3x		8157

8158

✓

M

H199

8159

8

M

H200

8160

8161

7

R

H201

8162

6

M

H202

8163

6

M

H203

8164

6

sig R

H204

8165

3x

M

H205

206	M	5				8166
207	M					8167
208	M	3x				8168
209	M	3				8169
210	M	4				8170
211	R	5				8171
212	M	4				8172
213	Seg R	0xx trace				8173

8174	OX	M	H21A
------	----	---	------

8175	V	R	H21A
------	---	---	------

8176	V	R	H21A
------	---	---	------

8177	4	S	H21A
------	---	---	------

8178	1	S	H21A
------	---	---	------

8179	V	R	H21A
------	---	---	------

8180			
------	--	--	--

8181	1	R	H21A
------	---	---	------

1221	R	2	8182
------	---	---	------

1222	M	1	8183
------	---	---	------

1223	M	2	8184
------	---	---	------

1224	R	6	8185
------	---	---	------

1225	Seg R	2	8186
------	-------	---	------

1226	S	1	8187
------	---	---	------

1227	M	2	8188
------	---	---	------

1228	S	6	8189
------	---	---	------

8190	1 x	M	H229
------	-----	---	------

8191	1 ^	S	H230
------	-----	---	------

8192	1	M	H231
------	---	---	------

8193	2	M	H232
------	---	---	------

8194	5	M	H233
------	---	---	------

8195	5	R	H234
------	---	---	------

8196	0 ^{xx} trace	M	H235
------	--------------------------	---	------

8197	0 ^{xx} trace	M	H236
------	--------------------------	---	------

237	S	0 $\frac{1}{2}$ fine	8198
-----	---	----------------------	------

238	R	0 $\frac{1}{2}$ fine	8199
-----	---	----------------------	------

			8200
--	--	--	------

239	$\frac{8}{25} \frac{9}{3}$ M	2	8201
-----	---------------------------------	---	------

240	$\frac{8}{16}$ M		8202
-----	---------------------	--	------

241	$\frac{8}{16}$ R		8203
-----	---------------------	--	------

clearest plants in F2 in field

242	Cross #3, B4525A1 (4033A4-38 x 38/2A1-2.2)	5	8204
-----	--	---	------

243	$\frac{8}{16}$ Seg R	5	8205
-----	-------------------------	---	------

8206		5	M	H24A
8207	8/28	6	Seg	H24B
8208	9/1	8	Seg	H24C
8209	8/31	4	M	H24D
8210		5	R	H24E
8211	8/27	5	M	H24F
8212	8/23	5+	M	H25G
8213	8/18	5+	R	H25H

4252	8/23 R	1				8214
4253	M	7				8215
4254	8/18 M	5				8216
4255	M					8217
4254	8/26 R	1				8218
4257	M	9/8 5				8219
		9/11				8220
4258	R	9/11 6				8221

8222	8/25	6	R	H259
------	------	---	---	------

8223	8/29	7	M	H260
------	------	---	---	------

8224	9/1	7	R	H261
------	-----	---	---	------

8225	9/1	6	M	H262
------	-----	---	---	------

8226	8/26	6	Seg	H263
------	------	---	-----	------

8227	8/29	5	M	H264
------	------	---	---	------

8228	8/31	5	—	H265
------	------	---	---	------

8229	8/25	9	Seg R	H266
------	------	---	-------	------

1267	8/23 R	4				8230
1268	9/1 M	2				8231
1269	8/31 M	4				8232
1270	8/27 M	8				8233
1271	R	7				8234
	Very clean for 60 in field					
1272	8/16 9/1 M	6				8235
1273	8/18 M	4				8236
1274	8/25 M	9+				8237

8238

7

M

H275

8239

8/28

6

S

H276

8240

8241

8/31

5

S.

H277

8242

5

S

H278

8243

8/31

8

Seg R

H279

8244

8

M

H280

8245

9/3

4

R

H281

4282	$8/29$ M	5			8246
4283	$8/24$ S	4			8247
4284	$8/25 9/2$ R	6			8248
4285	$8/25 9/3$ M	6			8249
	v. good types				
4284	$9/1$ seg	4			8250
287	M	4			8251
288	$8/24$ M	5			8252
4289	$8/23 9/3$ M	5	Cross #4	BBtroque X 38/2A1-2-2 B45/A1	8253

8254	8/21 9/31	6	M	H290
8255	8/19 8/31	6	M	H291
8256	8/17 8/28	5	R	H292
8257	8/25 9/3	6	M	H293
8258	9/1 gold plate present looks like 8260 panels sand new labeled 8260	5	R	H294
8259	8/25 9/4 Prob removed in section order. H294 all so numbered.	5x	M	H295
8260	9/1			
8261		4	Seq	H296

1297	seg	8/26 9/4 7	8262
1298	S	8/21 8/31 3	8263
1299	H301	8/26 5	8264
1300	M	8/19 8/28 6x	8265
1301	H299M	8/26 8/31 3	8266
1302	M	9/1 5 a very good row but all are rough	8267
1303	M	8/26 6	8268
1304	S	7	8269

8270	8/19 8/28	6	S	H302
8271		7	M	H304
8272	8/26 9/4	6	R	H305
8273	8/25 9/4 Very clean BBL type plants	4	M	H308
8274	8/26	7	M	H309
8275	8/26	6	M	H310
8276	8/22 7/1	6	M	H311
8277	8/19 8/30	1	M	H312

4313	M	5				8278
4314	^{8/23 9/3} S	7				8279
						8280
4315	S	2x				8281
4316	M	5				8282
4317	^{8/19 8/28} M	4				8283
4318	M	1				8284
4319	^{8/25 9/3} S	7				8285

8286	8/26	5	M	H320
8287	8/25 9/3	6x	M	H321
8288	8/23 8/31	6.	M	H322
8289	8/27	3	S	H323
8290	V. good BBT type not as fine thinking as most	2	M	H324
8291	8/26	3	R	H325
8292	9/1	8	S	H326
8293	8/29 9/3	4	M	H327

4328	9/2 M	5				8294
1329	8/21 8/31 S	3				8295
1330	9/2 M	4				8296
1331	8/23 9/4 M	6				8297
1332	8/26 M	4				8298
1333	8/31 R	6				8299
						8300
1334	8/26 9/3 Seg	3x				8301

8302	8/27	4	R	H33
------	------	---	---	-----

8303	8/27	3x	R	H33
------	------	----	---	-----

8304	8/26	6x	R	H33
------	------	----	---	-----

8305	8/25	5	R	H33
------	------	---	---	-----

8306	8/26	5	M	H35
------	------	---	---	-----

8307	8/27	7	M	H34
------	------	---	---	-----

8308	8/23 9/3	3	M	H34
------	----------	---	---	-----

8309	8/26	3	M	H34
------	------	---	---	-----

4343	$\frac{8}{25}$ M	4	8310
4344	R	6	8311
4345	R	6	8312
4346	$\frac{8}{26}$ M	2	8313
4347	$\frac{8}{26}$ M	3	8314
4348	$\frac{5}{31}$ M.	5	8315
4349	$\frac{8}{28}$ M	4	8316
4350	$\frac{8}{27}$ M	5	8317

8318	9/1	1	5	M	H 35
------	-----	---	---	---	------

8319	8/28		3	M	H 352
------	------	--	---	---	-------

8320					
------	--	--	--	--	--

8321	8/30		6	R	H 353
------	------	--	---	---	-------

8322			4	R	H 352
------	--	--	---	---	-------

8323	8/31		7	R	H 35
------	------	--	---	---	------

8324	8/31		7	M	H 35
------	------	--	---	---	------

8325			5	M	H 35
------	--	--	---	---	------

358	^{8/} R	3	8326
359	^{8/31} M	6	8327
360	M	6	8328
361	M	7	8329
362	^{9/} M	7	8330
363	M	5	8331

Cross #5, T Palmar x B3812 A1-2-2

364 M 4 8332

no S to Co plants

365 M 4 8333

no S plants to Co

8334

~~OK~~

5

M

#36

8335

~~9/1
OK
Very good types agronomically
clean for H₂O~~

Oxx

M

#36

8336

~~9/1
all appear R.~~

Oxx

M

#36

8337

2

M

#36

8338

1

R

#37

8339

~~605 plants show
only minor spotting~~

3

M

#37

8340

8341

3

S

#37

4373	M	3				8342
------	---	---	--	--	--	------

4374	M	3				8343
------	---	---	--	--	--	------

4375	^{8/31} M	4				8344
------	----------------------	---	--	--	--	------

*only 2 possible
R to CO. plants*

4376	S	5				8345
------	---	---	--	--	--	------

4377	R	1				8346
------	---	---	--	--	--	------

4378	M	0				8347
------	---	---	--	--	--	------

4379	M	5				8348
------	---	---	--	--	--	------

4380	M	0				8349
------	---	---	--	--	--	------

8350		5	M	H 38
8351	✓	5	M	H 38
8352	✗	5	M	H 38
8353	✓	0x	M	H 38
8354	✓ seg CO	3	M	H 38
8355	R. Mod R for CO	5	—	H 38
8356		0	R	H 38
8357	x v. good plant types clean for HO	1	→	H 38

1389 Seg R 2 8358
x

Seg for CO

1390 M 3 8359
x

S + to CO

8360

1391 M 3 8361
x

R to CO

1392 M 4 8362

Seg for CO

1393 M 1x 8363

R to CO

1394 M 0x 8364

very clean for HO

(mostly R to CO
some with trace only)

1395 M 1 8365

Uniform type
R to CO, very resistant
Very resistant to H₂O,

8366

M

7

M

H39

MR + S to CO

8367

4

M

H39

R to CO

8368

3

M

H39

R to CO

8369

5

M

H39

Seg to CO

8370

5

M

H41

R or Seg R and MR
to CO

8371

4

M

H41

R to CO

8372

5

M

H40

Too late
Seg R and S+ to CO

8373

4

M

H41

R to CO

404 M Highly R to HO 8374

405 R 4 8375
MR and S to CO

406 R 3 8376
Overripe and prob S to CO

407 R 3 8377
R to CO -
Highly R to HO, good Patana grain types
One of most highly HO resistant rows in Cross

408 M 4 8378
MR and R to CO

409 M 5 8379
mostly S to CO

8380

4410 M 5 8381
MR to CO

8382	R to CO Uniform growth	3	M	H41
------	---------------------------	---	---	-----

8383	St and MR to CO	5	R	H412
------	-----------------	---	---	------

8384	St to CO	3	R	H413
------	----------	---	---	------

8385	Seg for CO	5+	R	H414
------	------------	----	---	------

8386	Seg R and St for CO	5	M	H41
------	---------------------	---	---	-----

8387	Seg R and MR to CO	5	M	H414
------	--------------------	---	---	------

8388	Seg for CO	5	M	H41
------	------------	---	---	-----

8389	Seg for CO	6	M	H41
------	------------	---	---	-----

419	M	2x	8390
-----	---	----	------

420	Seg	4	8391
-----	-----	---	------

421	M	4	8392
-----	---	---	------

422	M	5	8393
-----	---	---	------

423	R	3	8394
-----	---	---	------

424	M	2x	8395
-----	---	----	------

425	R	5	8396
-----	---	---	------

426	R	5	8397
-----	---	---	------

23 X = Seg for CO

8398		3	M	4427
8399		4	M	4428
8400				4429
8401	8/27 grad BB type grain a little short, slender-grain only fair for BB	5	R	4429
8402	8/26	4	M	4430
8403		6	M	4431
8404	9/1 1 possible R plant to Co (Sund)	4	M	4432
8405	9/1	6	R	4433

434	$\frac{8}{29}$ R	6	X	8406
435	M	5	X	8407
434	M	2	X	8408
437	M	4		8409
		a highly S row		
438	R	5	X	8410
439	R	6	X	8411
		only 1 possible S plant in CA		
440	M	4	X	8412
		mostly R to Co, S plants only, moderately S,		
441	S	3	X	8413

8414	8/18 9/1 Highly S possibly some phy Br.	4	S	H442
8415	9/1 all of clearest rows in cross for AD separate heads to J.W. J	6	R	H443
8416	9/1	6	M	H444
8417	all appear R to CO. Spaced 2 possible S plants only mod. S in Sat all	5	M	H445
8418	8/38	2x	M	H446
8419	8/27 X	5	M	H447
8420				
8421	8/25 R plants to CO quite reasonable possibly only mod. R.	3	M	H448

49	M	8		8422
50	R	7	all R to Co no S plants	8423
51	M	^{8/29} 5		8424
52	M	6		8425
53	M	^{8/28} 7		8426
54	M	^{8/27} 6		8427
55	M	^{8/27} 5		8428
56	M	3		8429

8430

6 Seg H457

8431

^{8/29} Seg St + R for CO

6 M H458

8432

St and mid R plants
for Correlation

6 Seg H459

8433

5 M H460

8434

4 R H461

8435

5 M H462

8436

5 R H463

8437

^{8/31}

2 M H464

45 R $\frac{8}{31}$ 2x X 8438

44 R $\frac{9}{11}$ 4 8439

8440

47 M 2 X 8441

48 M 5 8442

49 S $\frac{8}{23} \frac{9}{13}$ 1 8443
 Vm clean for Ho

470 S 5 X 8444

471 R $\frac{8}{31}$ 6 X 8445

8446	9/1	1	M	H472
------	-----	---	---	------

8447	very close to plants	2	M	H473
------	----------------------	---	---	------

8448	8/24 9/3 very close may be 514 mod 5 to Co difficult to find Co R plants 8/24 9/1	2	R	H471
------	---	---	---	------

8449		2	M	H475
------	--	---	---	------

8450		5	M	H476
------	--	---	---	------

8451	8/17	5	M	H477
------	------	---	---	------

8452	8/17 8/28	2	M	H478
------	-----------	---	---	------

8453	8/26	4	S	H479
------	------	---	---	------

480	^{8/26} R	⁵ 5	X	8454
	Apply to class by Pink mod R + R Co.			
481	M	1	X	8455
482	M	2		8456
483	M	^{8/17 8/31} 1 x		8457
484	S	1 (Seg to Co)		8458
	(Out of clearest row in top) Send to J. W. J. for Ho			
485	M	^{8/31} 0 x	X	8459
	labeled 8458 row in cut			8460
486	M	0 x	X	8461
	Outstanding row in Ho matured 84 species bag to mat's plant types TP matured			
	Outstanding Agronomical Send to J. W. J. for Ho testing Some plants are very clean in full			

8462

very clear for Ho

1

S

HA27

8463

4

M

HA85

8464

Davis wire

HA88

8465

5

M

HA9

8466

Davis straight-head material
8/26

5

HA489

8467

8468

8469

8470

8471

8472

8473

8474

8475

8476

8477

8478

8479

8480

8481

8482

8483

8484

8485

8486

8487

8488

8489

8490

8491

8492

8493

8494

8495

8496

8497

8498

8499

8500

Bulked Hybrid Populations

501	F ₁₈	-	Short-grain x Medium-grain
502	F ₁₈	-	Long-grain x Medium-grain
503	-	-	BR rogues from 1940 Colchicine plot (C.O. resistant)
504	F ₁₇	321A	Rexoro x Delitus
505	F ₁₇	4 322A	Rexoro x Texas Fortuna
506	F ₁₇	322A	Rexoro x Supreme Blue Rose (smooth)
507	F ₁₇	322A	Rexoro x Supreme Blue Rose (Rough)
508	F ₁₄	341A	Caloro x Fortuna
509	F ₁₄	343A1	Nira x Kameji
510	F ₁₄	344A1	Calao x Kameji
511	F ₁₄	346A1	Shemed x Nira
512	F ₁₄	347A1	Rexoro x Nira
513	F ₁₄	348A1	Caloro x Nira
514	F ₁₄	3411A2	Shemed x Caloro
515	F ₁₄	3412A2	Calao x Rexoro
516	F ₁₀	379A	K-H x SP-SJ



- 517 F₁₀ 3715A(BLK.) F₁, 3512A x SBR
- 518 F₁₀ 3715A38 F₁, 3512A x SBR
- 519 F₁₁ Hyb Mix-4 (F₁, Cox Cub.) x BR et al
- 520 F₁₀ 3747A CI-4700 x Rexoro
- 521 F₁₀ 3781A Rexoro x CI-81C
- 522 F₁₀ 381C Blue Rose x Zenith (Calif.)
- 523 F₁₀ 383A2 Blue Rose x CI-4440
- 524 F₁₀ (Hyb Mix-1 H.O. resistant bulk of CI-No's. 7143, 5309, 4700; ~~and~~ SP x SJ and SP-SJ x R-D)
- ~~525~~
- 525 F₁₀ 396A4 SP-SJ x R-D
- 526 F₁₀ Hyb Mix-2 SP-SJ x Medium grain
- 527 F₁₀ 399A SP-SJ x BR41
- 528 F₁₀ Hyb Mix-10 (F₁, ~~SP-EP~~ ^{SP-EP}) x (F₁, CA-Cdx)
- 529 F₁₀ Hyb Mix-5 Composite Cross Bulk
- 530 ^{F₅} ~~F₈~~ 4856A CI-8326 x (CI-8323 x 2) (late)
~~4856A BR41 x Blue Rose~~
- 531 ~~F₈~~ ~~Hyb Mix-8~~ ~~K-BR x BR41~~
F₄ 4321A BR41 x (Fortuna x Red Rice)
- 532 ~~F₈~~ ~~4017A HARKrose x BR41~~
F₈ - Early Composite Mixture

- | | | | |
|-----|-----|-------------------|--|
| 533 | F8 | - | Late Composite Mixture |
| 534 | F8 | Hyb Mix-7 | R-7689 x Long Slender |
| 535 | F8 | Hyb Mix-8 | EP x R-SBR
TP and R x R-SBR |
| 536 | F8 | Hyb Mix-9 | TP and R x Long Slender
grain |
| 537 | F8 | 4035A | Texas Patna x Rexoro |
| 538 | F8 | Hyb Mix-10 | TP and R x R-D |
| 539 | F17 | 324A | Rexoro x CI-5094 |
| 540 | F15 | 3313A | Rexoro x CI-7689 |
| 541 | F8 | 4045A | R-SBR x BR41 (smooth) |
| 542 | F8 | 4045A | R-SBR x BR41 (rough) |
| 543 | F8 | 4046A | IBR-F x BR41 |
| 544 | F8 | 4047A | CO-BR x BR41 |
| 545 | - | (Crowley
1942) | Shoemed x Kameji
(smooth, C.O. resistant sel) |
| 546 | F7 | 323B39-13 | R x SBR (Natural/cros) |
| 547 | F7 | 423A | BR41-EP x K-7143 |
| 548 | F7 | Hyb Mix-11 | CE5548 x Early Short-grain |

Wood, stard, stam, mostly late
Teller than 336 but good

Looking very good

Tall, lying to line, low green gold

Very tall, prob of no value

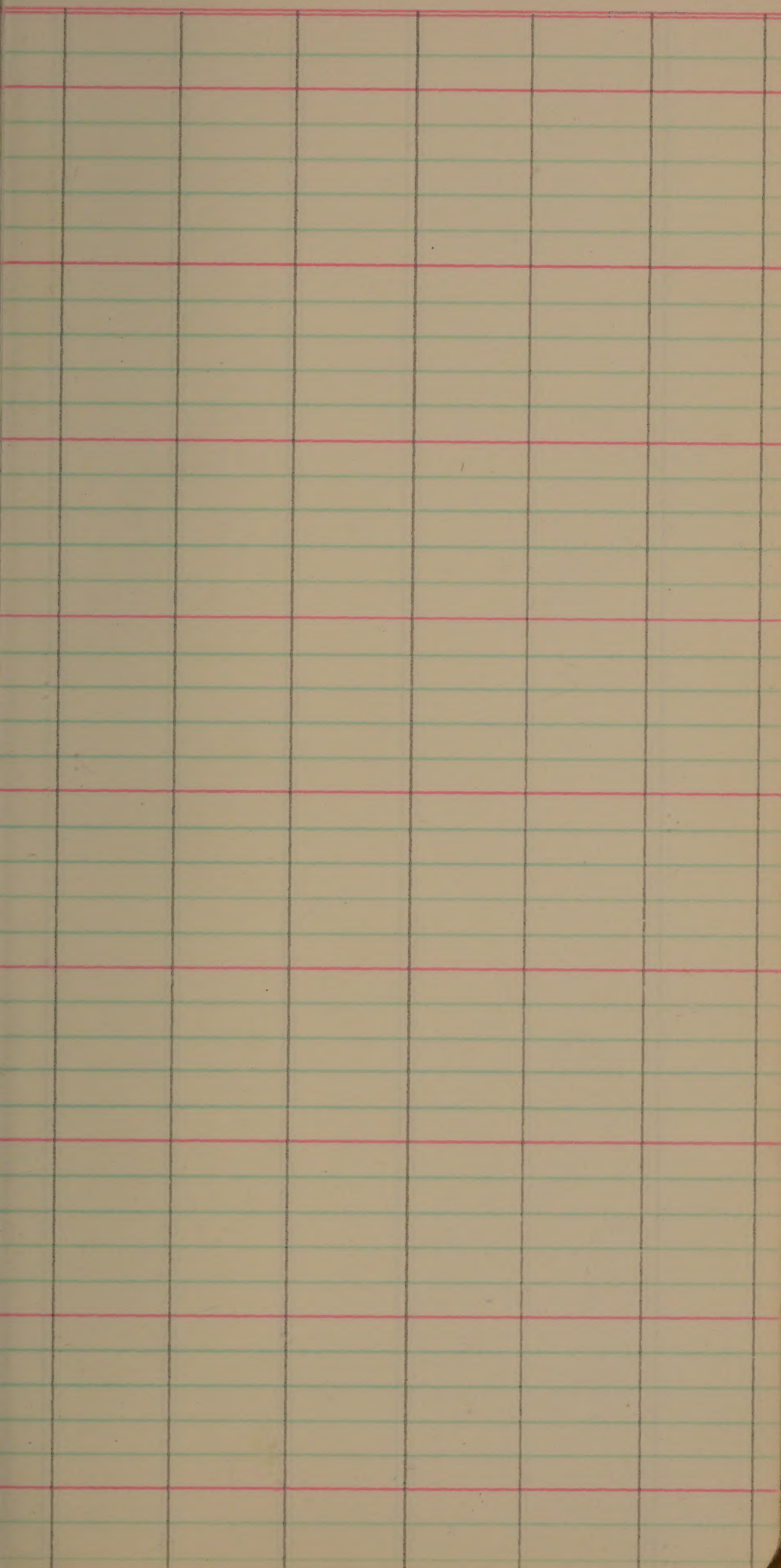
Ledged badly

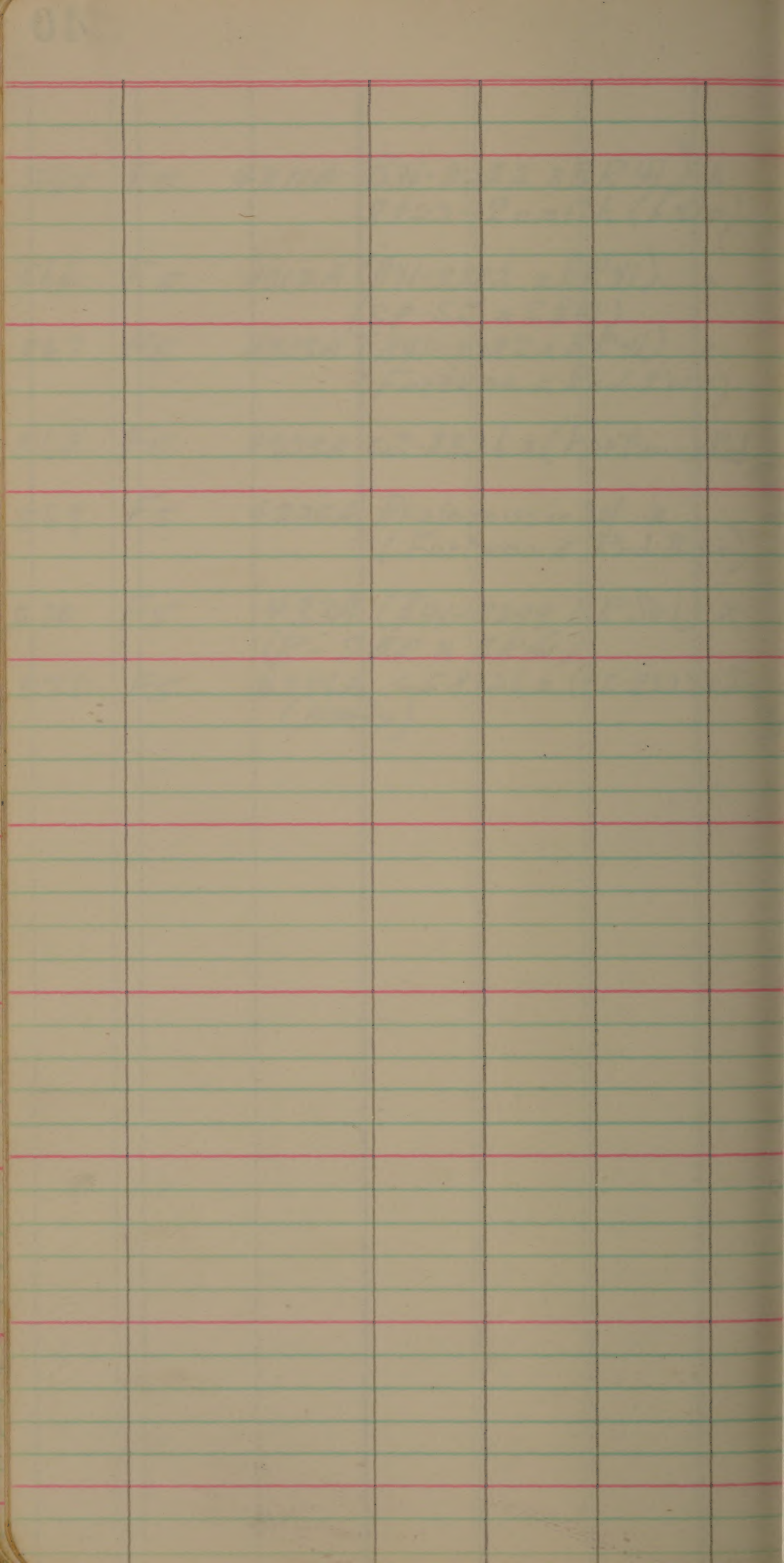
Some

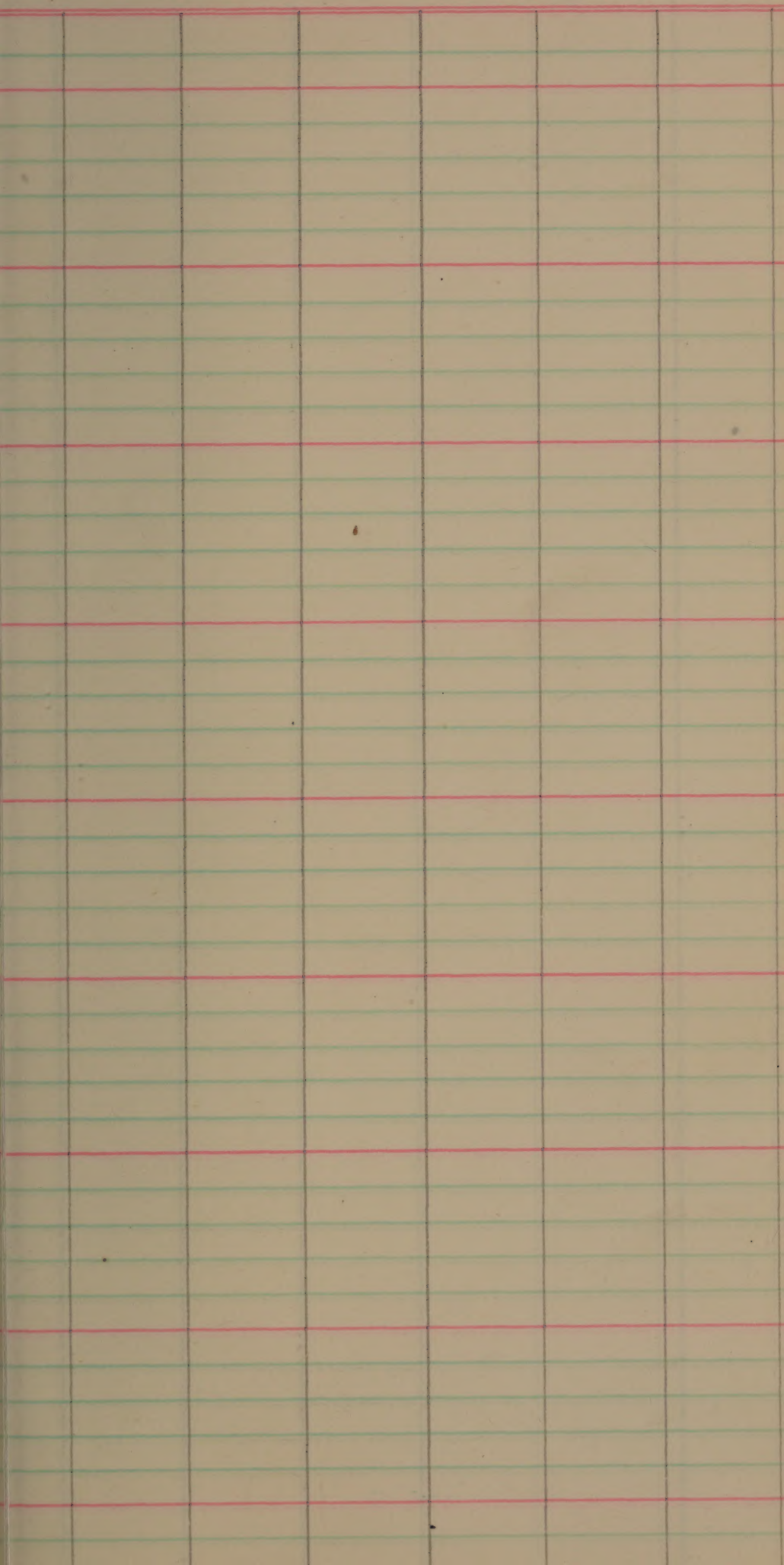
Some very good looking types
good types

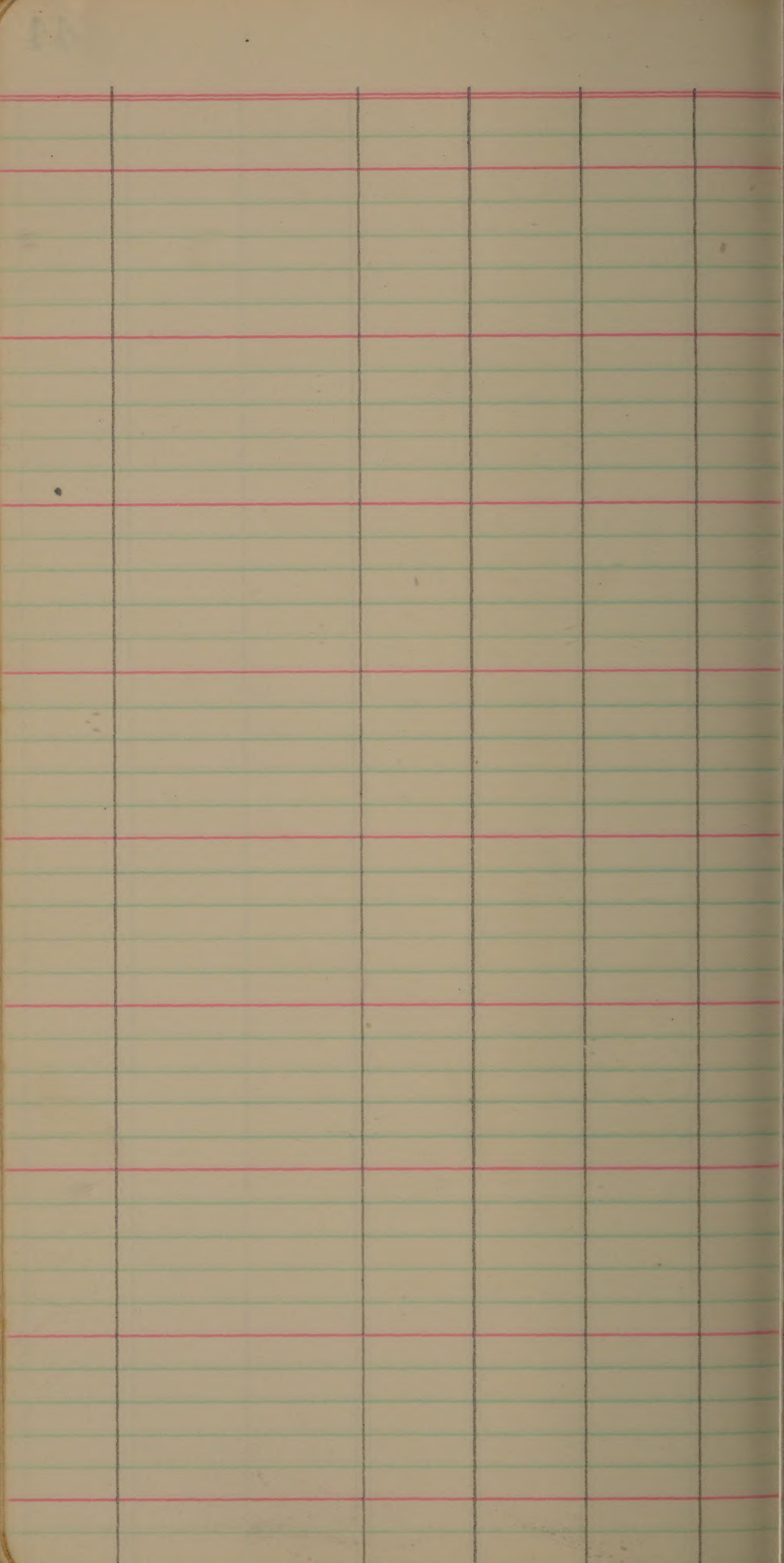
- 549 F7 Hyb Mix-12 CI-5548 x Late Short-grain
- 550 ~~F8~~ ~~F6~~ B4117A (F1, BR41 x 8323) x 8324
~~B523840-3 Rexoro x Sup. Blue~~
~~Ros Natural Cross~~
- 551 F6 B323840-3 Rexoro x Sup. Blue Rose, Natural Cross
- 552 - B3313A1-20 Rexoro x CI-7689, Roques
- 553 F6 426A1 Rexoro - Sup. Blue Rose x Blue Rose 41
- 554 F6 427A8 Rex x Sup. B.R. x BR-5309
- 555 F6 429A1 BR-5309 x (SP-SJ x SBR)
- 556 F6 4211A1 BR-5309 x BR 41
- 557 F6 4215A1 (R-SBR x BR41) x BR 41
- 558 - S41-10609 Rexark Roques, 1945 (Rough)
- 559 - S41-10609 Rexark Roques, 1945 (Smooth)
- 560 F5 Hyb Mix-13 (B41-3282 x BR41) x Early Medium-grain
- 561 F5 432A (B41-3282, BRSci) x (R-SBR x BR)
- 562 F5 438A (B41-3282 x BR 41) x CI-8326
- 563 F5 4310A (B41-3282 x BR41) x BR41-EP
- 564 F5 4311A (B41-3282 x BR41) x 8323 x Zenith (Early)

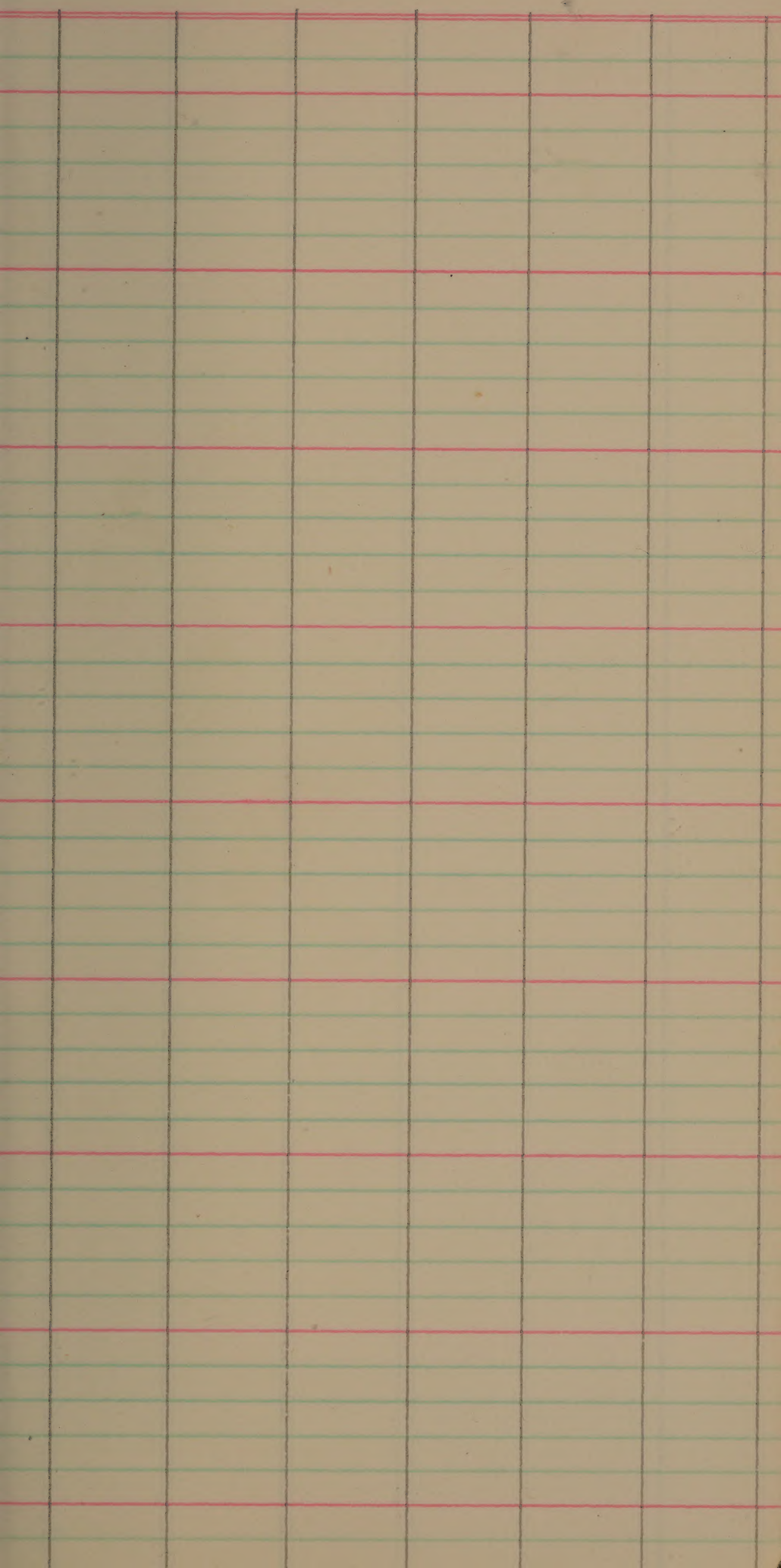
- 565 F5 4311A (B41-3282 x BR41) x
8323-Zenith (late)
- 566 F5 4312A (B41-3282 x BR41) x
(SP-SJ x SBR)
- 567 F5 4313A (B41-3282 x BR41) x
(Fortuna x Red Rice)
- 568 F5 4323A CI-8326 x (Fortuna x Red Rice)
- 569 F5 4325A Bruinrmissio Sel x
(Fortuna x Red Rice)
- 570 F5 433A (B41-3299 BR Sel) x
(R-SBR x BR41)
- 571 F5 4356A CI-8326 x (CI-8323 x Zenith)
(Early)

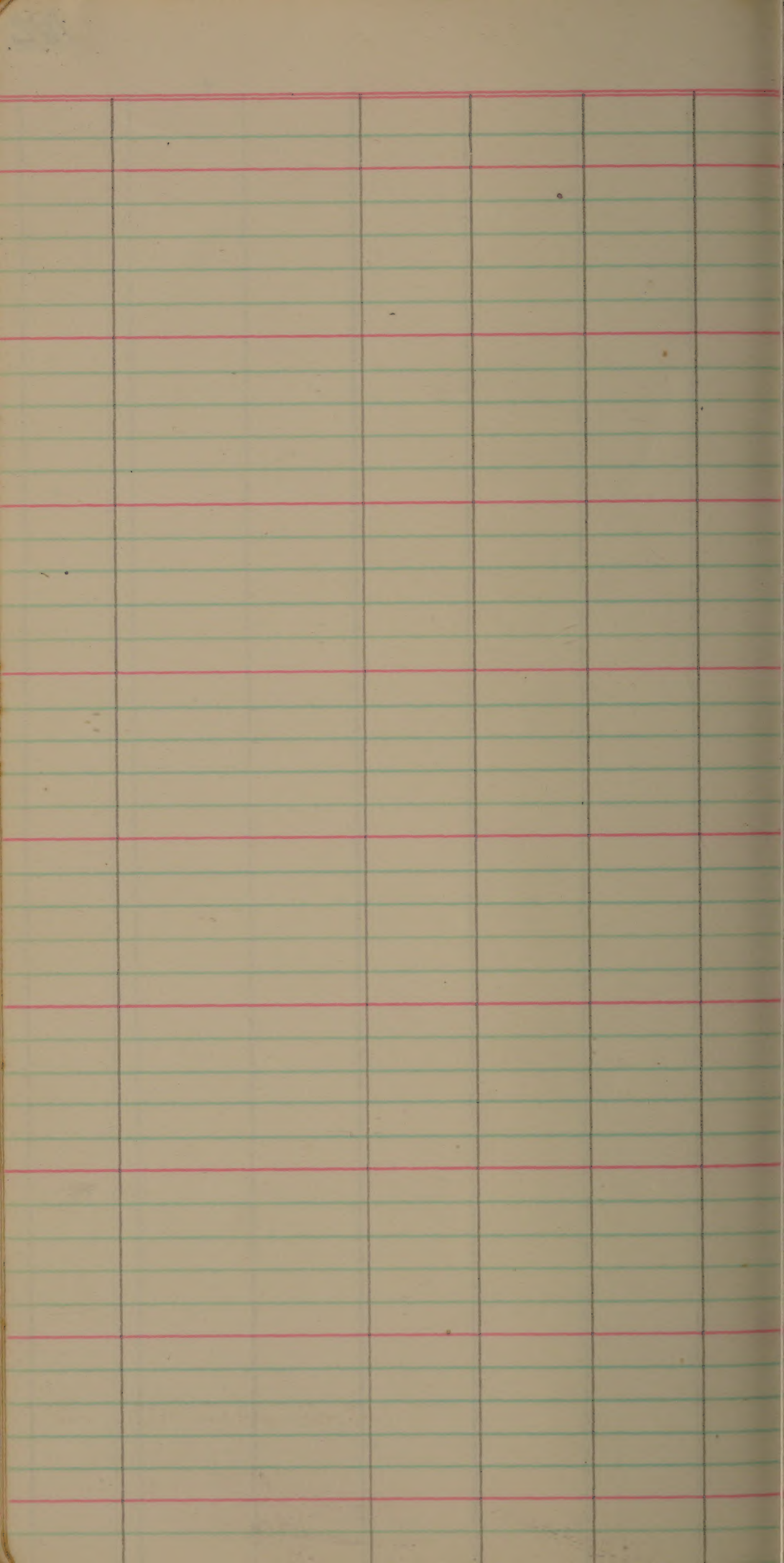


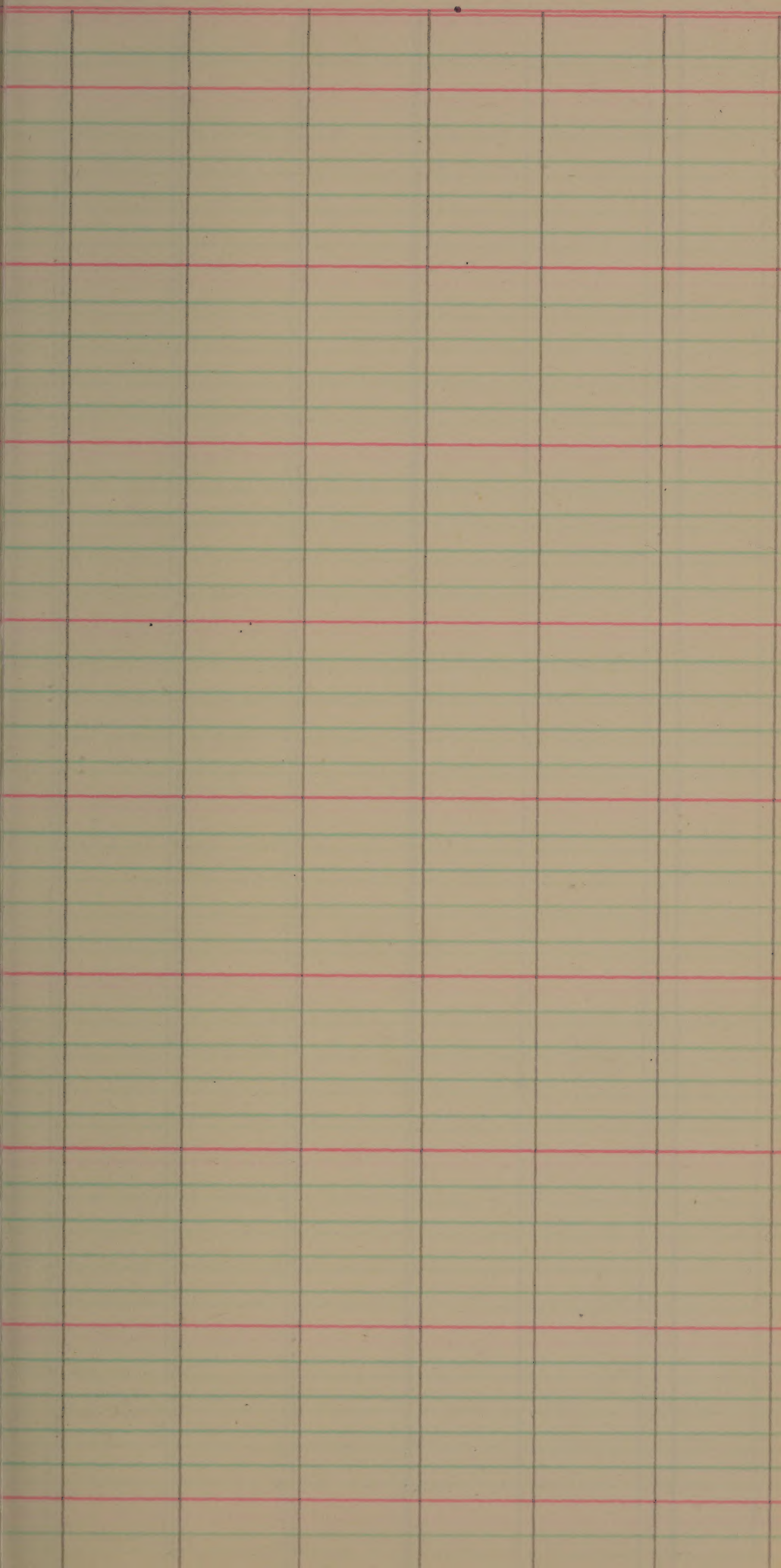


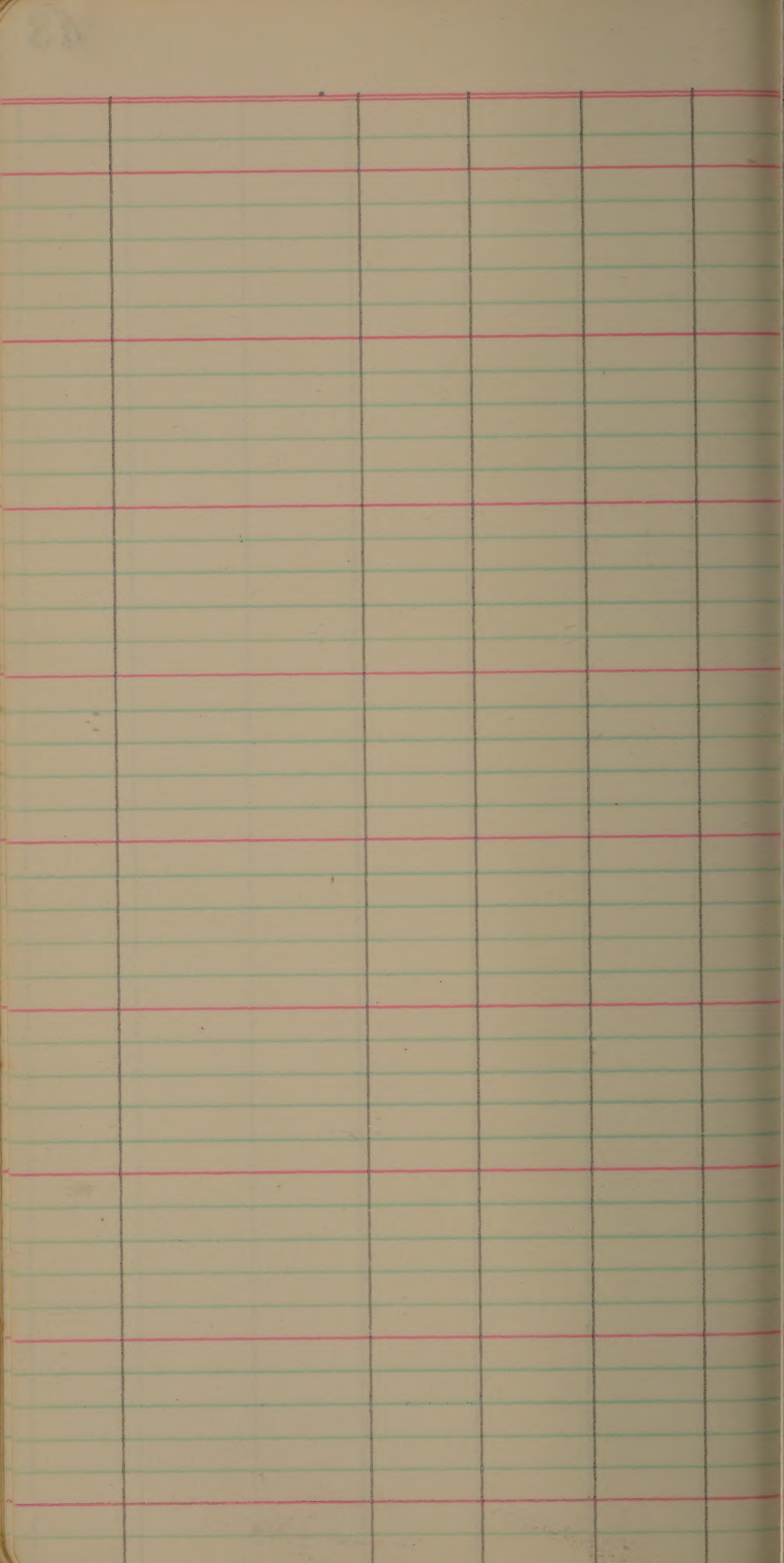


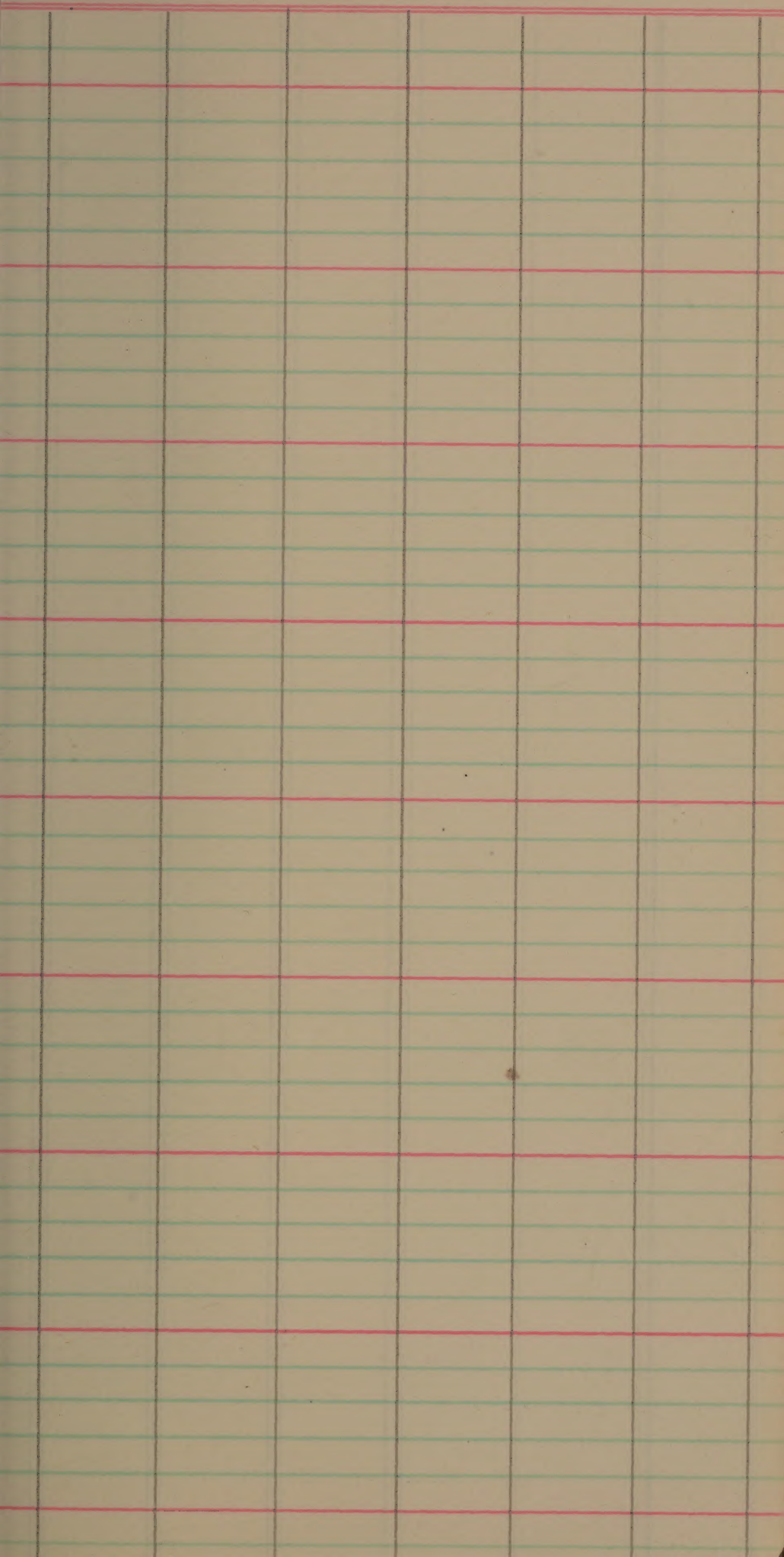


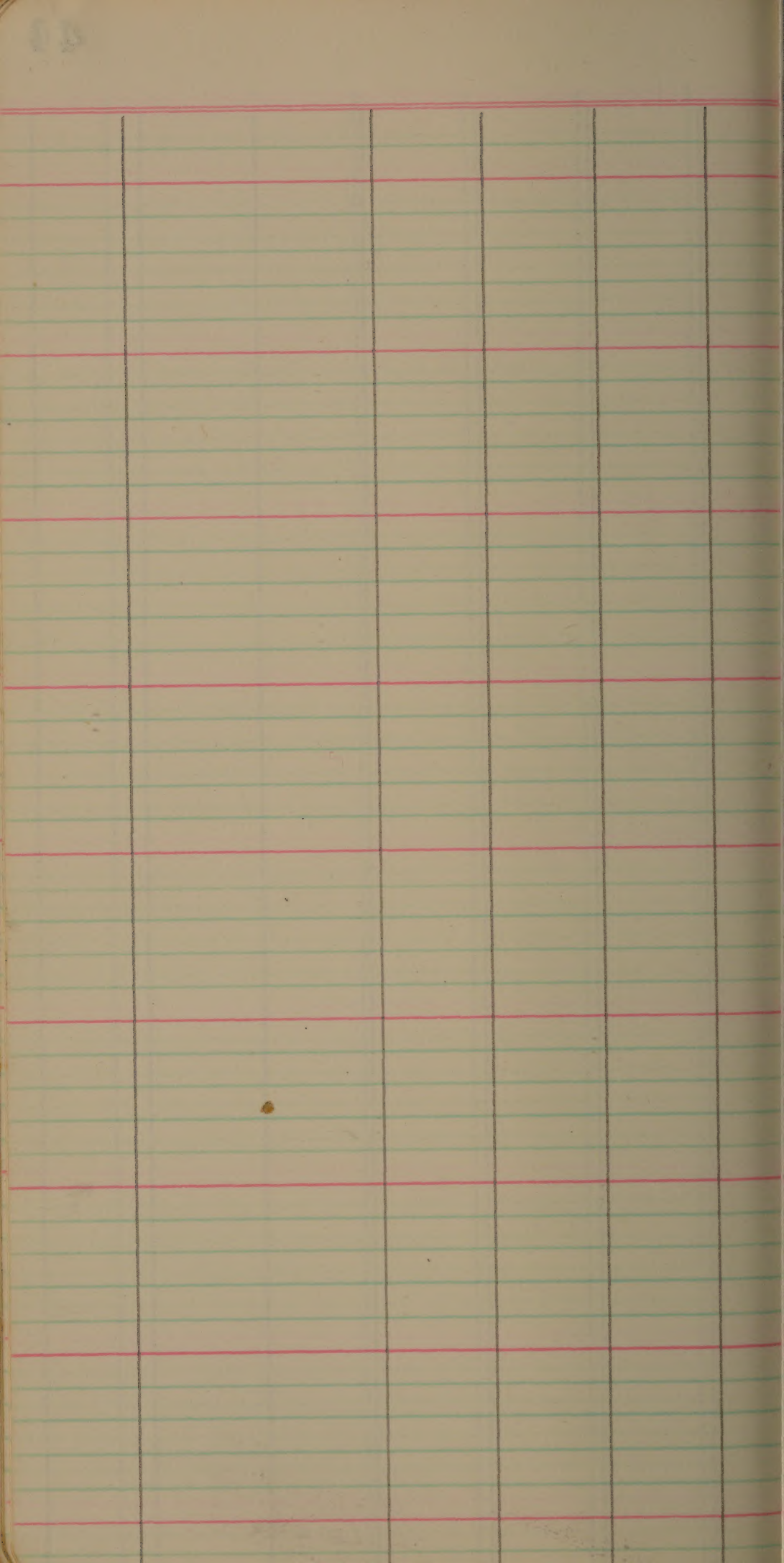


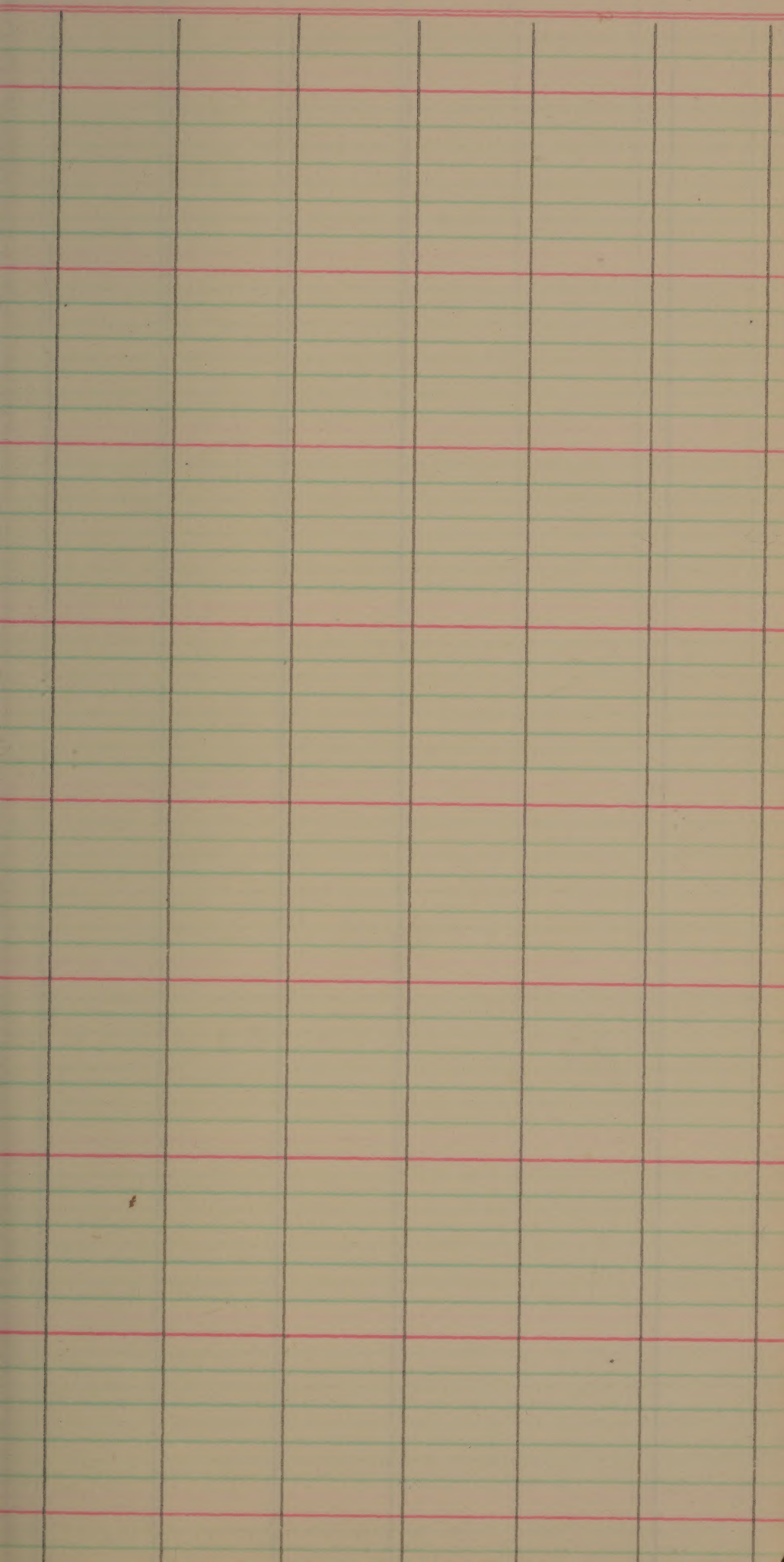


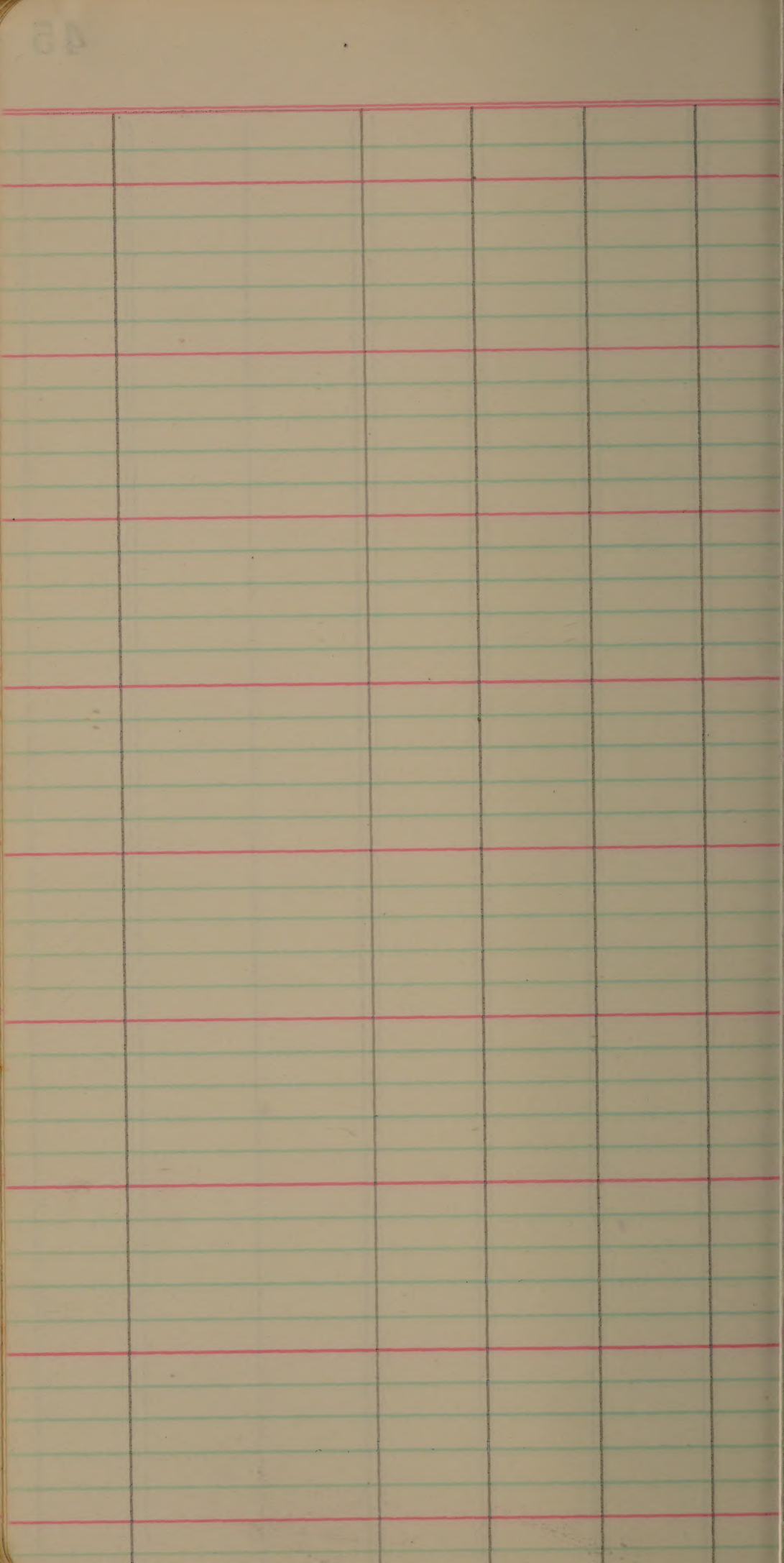


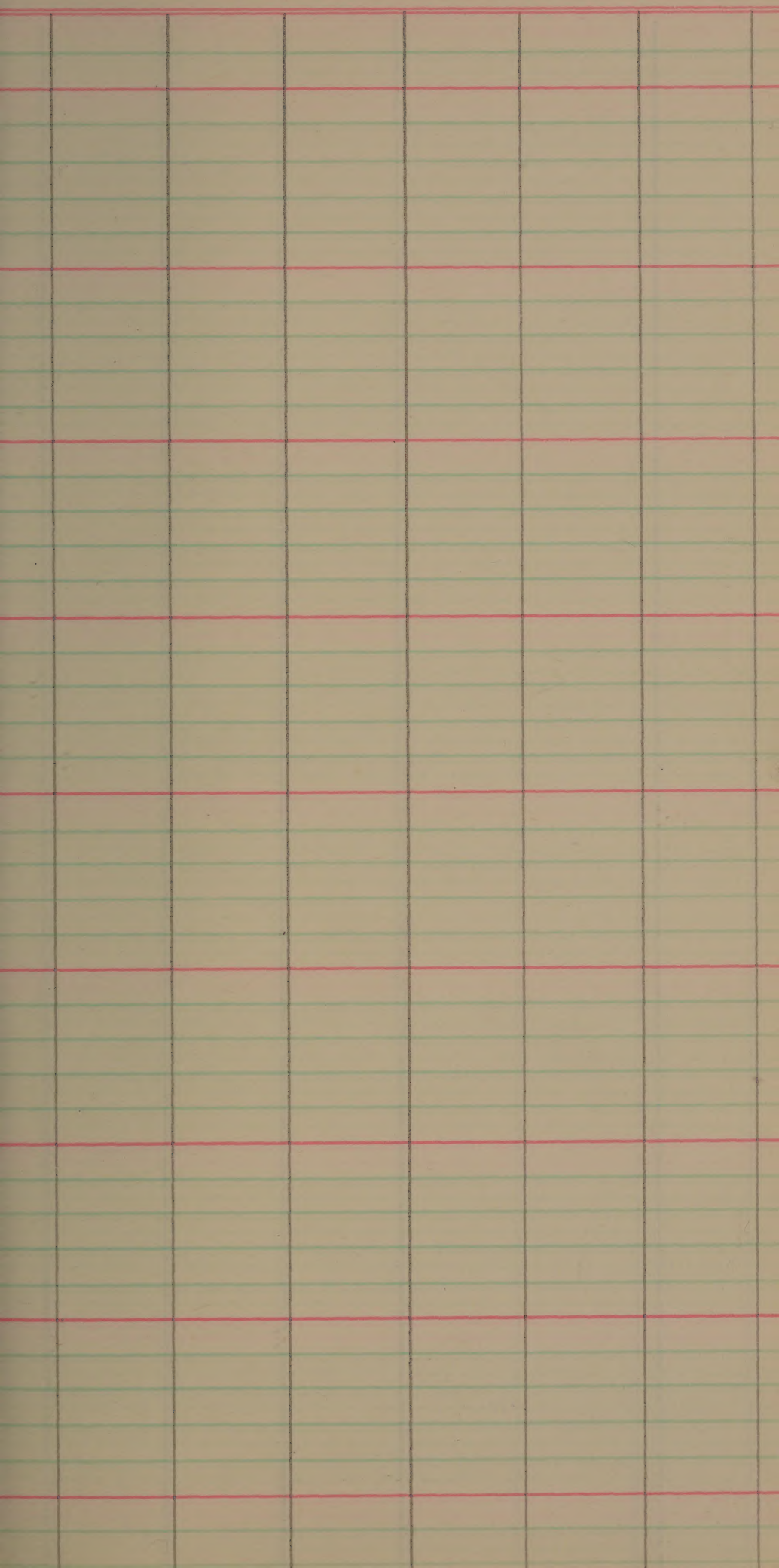


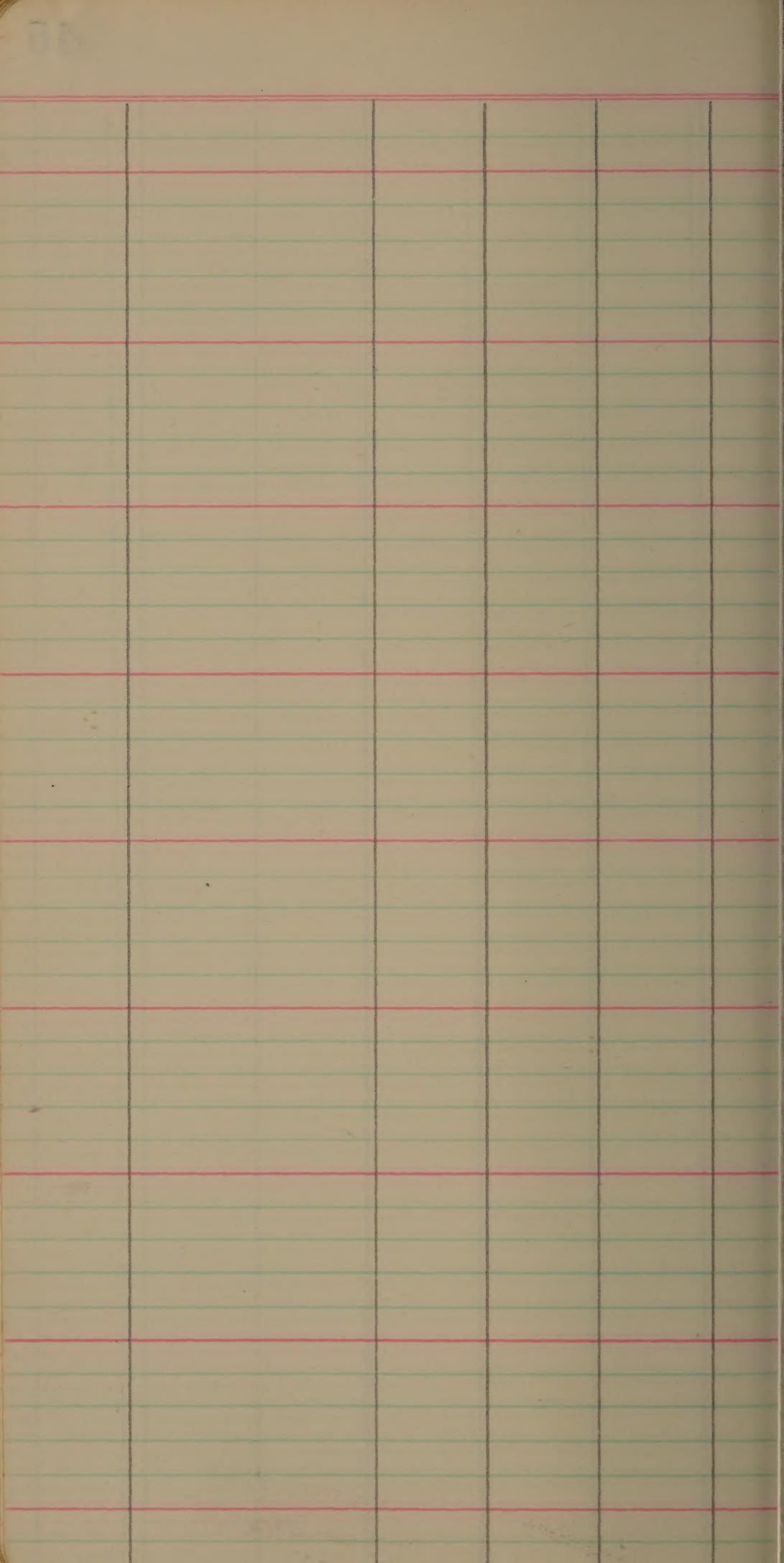


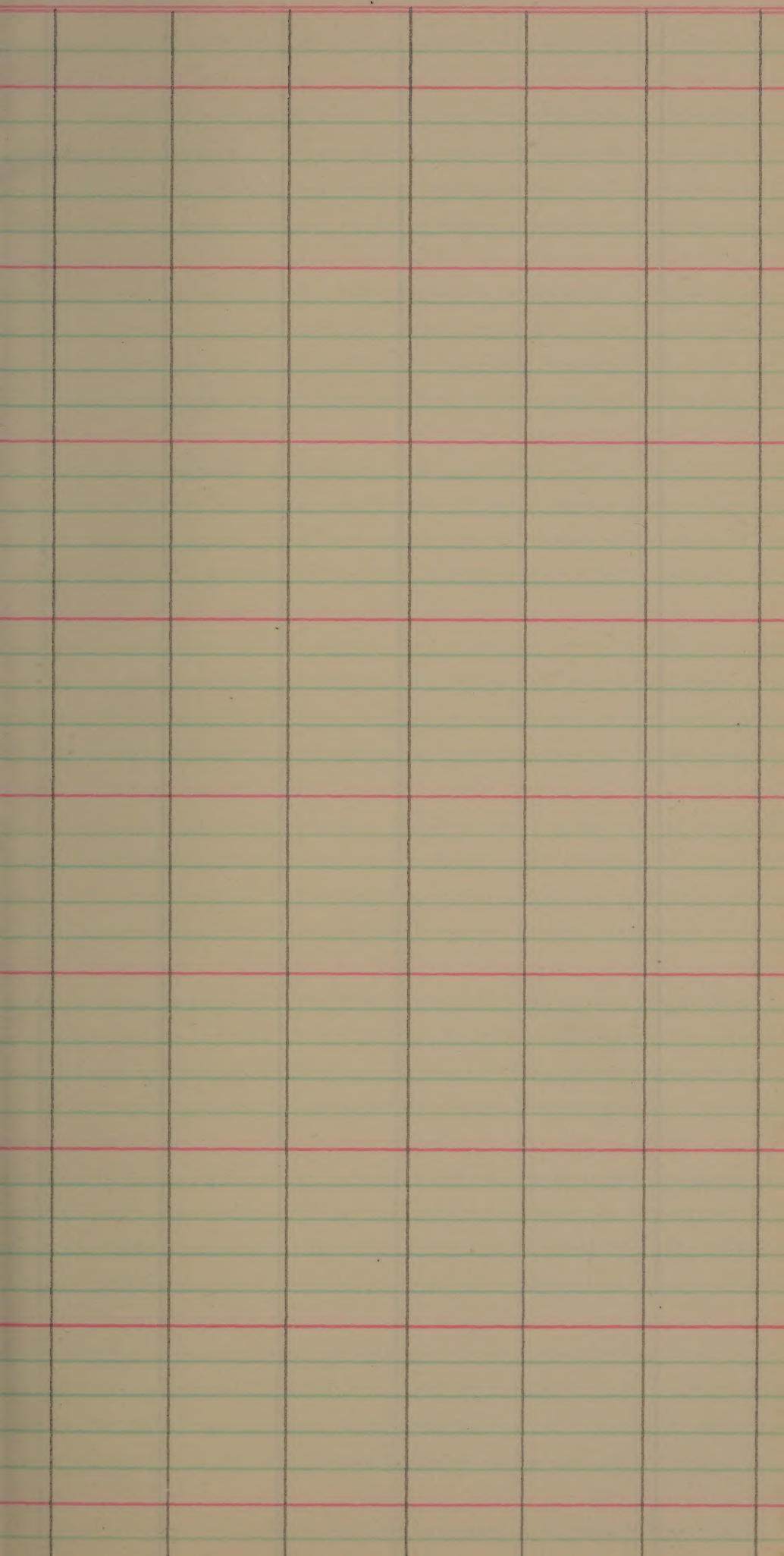


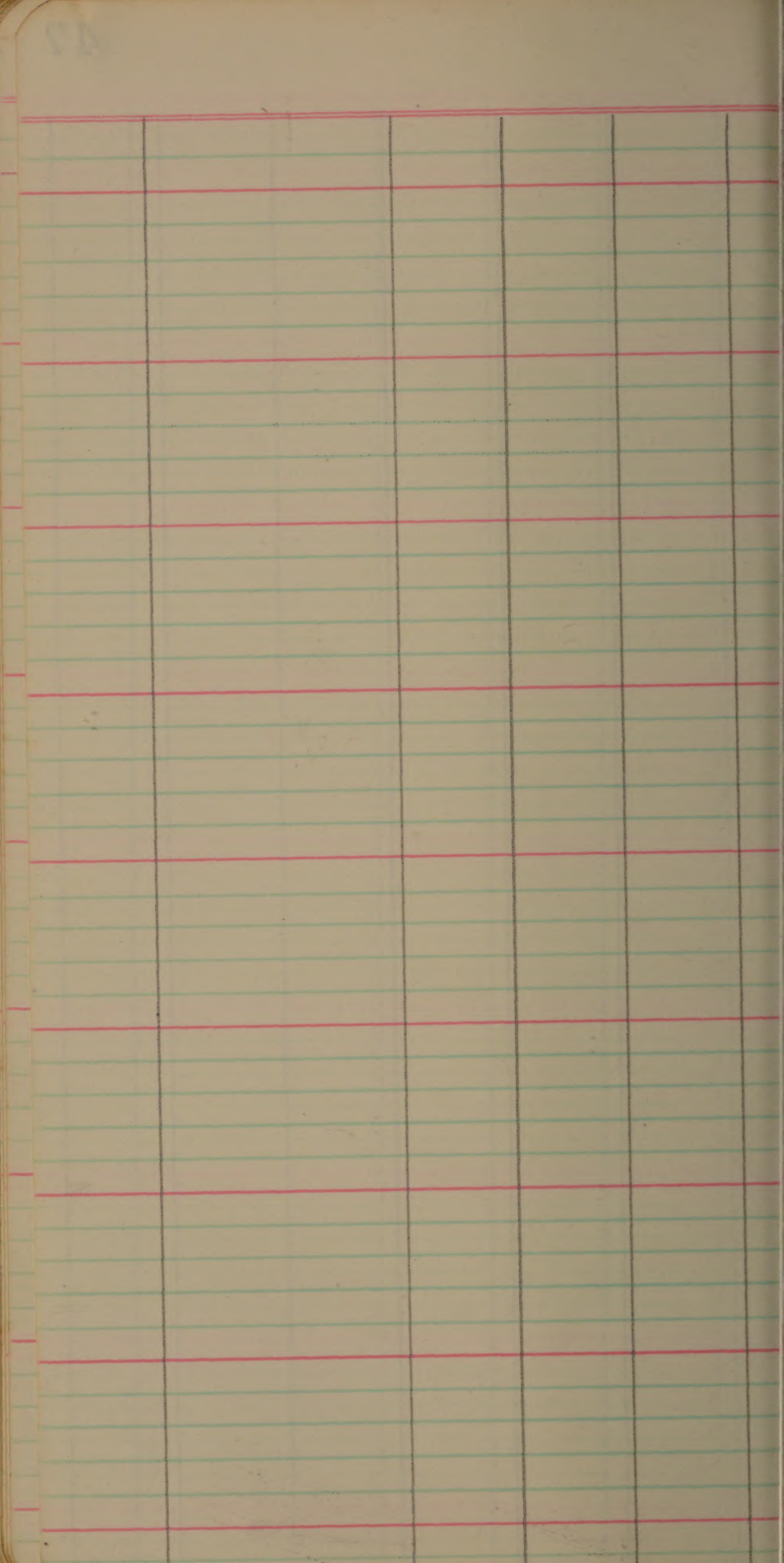


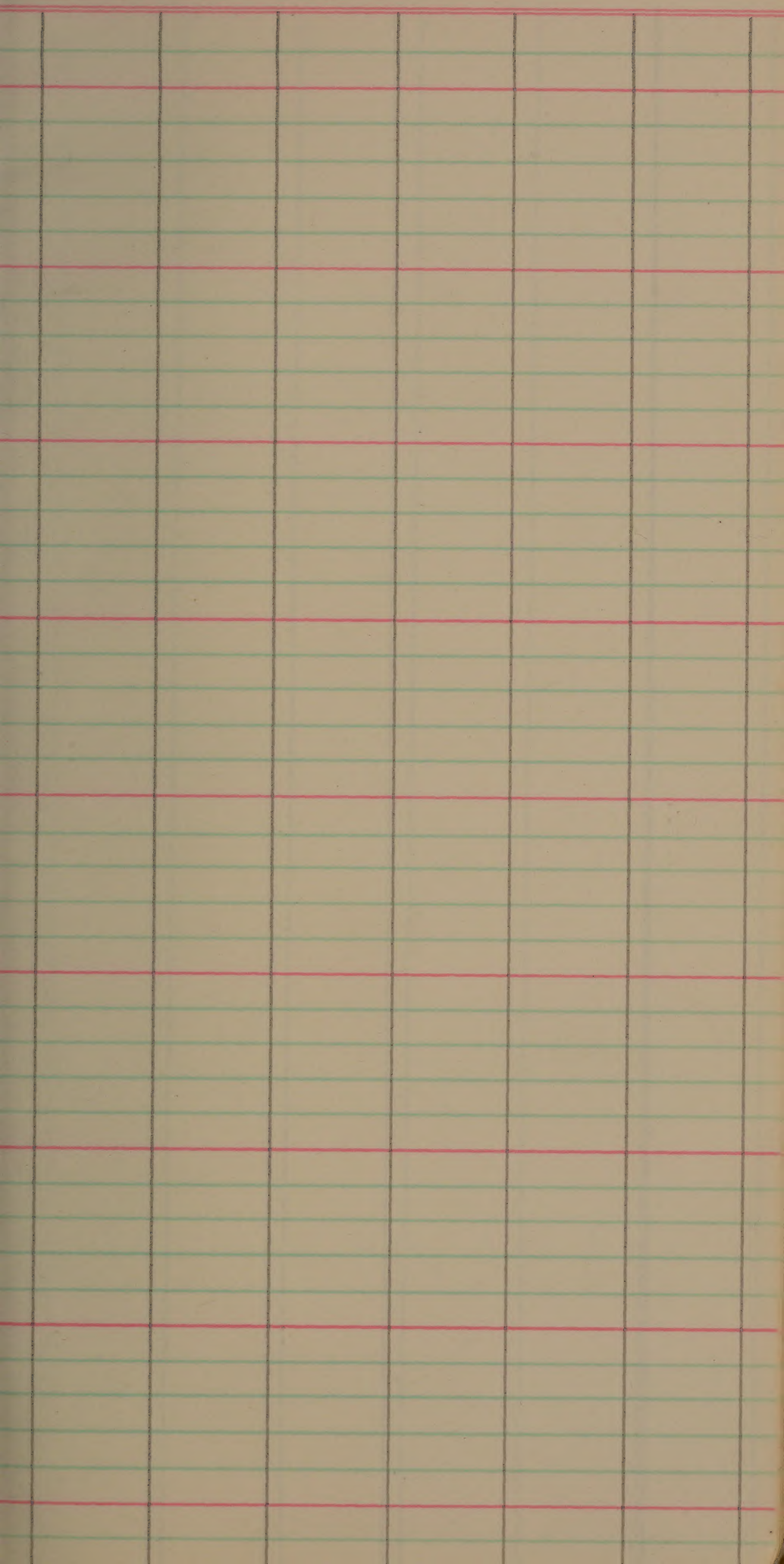


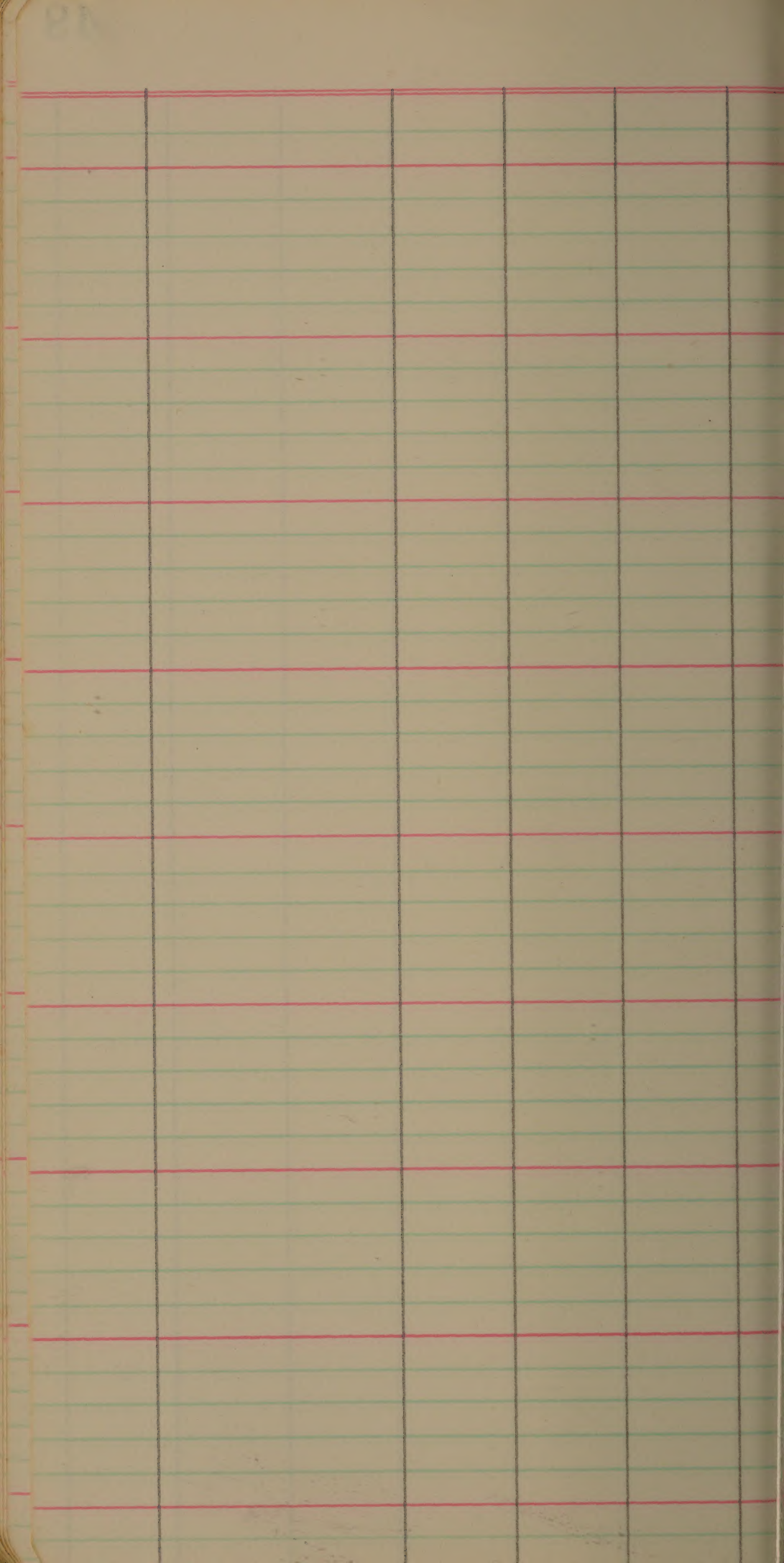




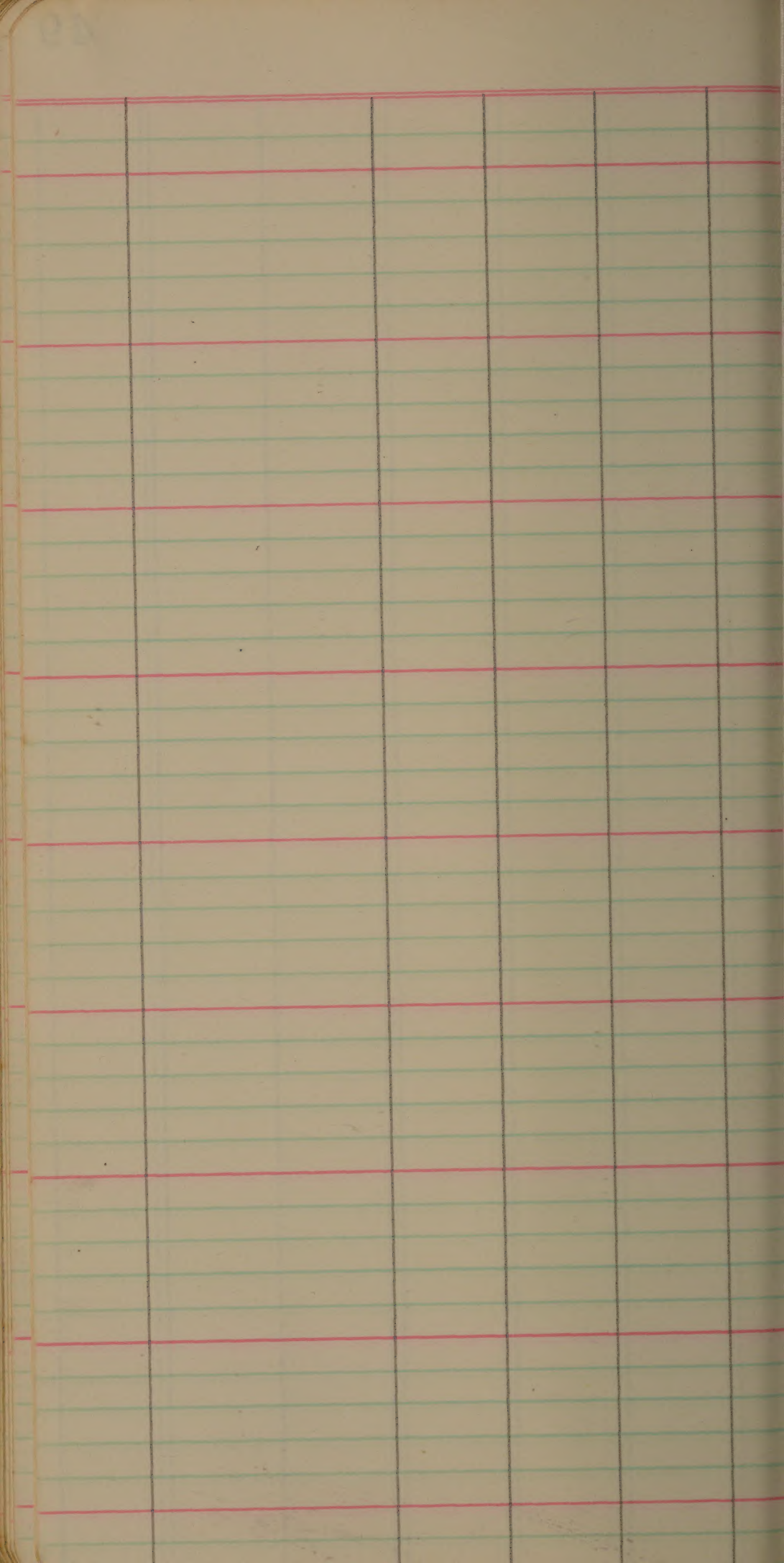


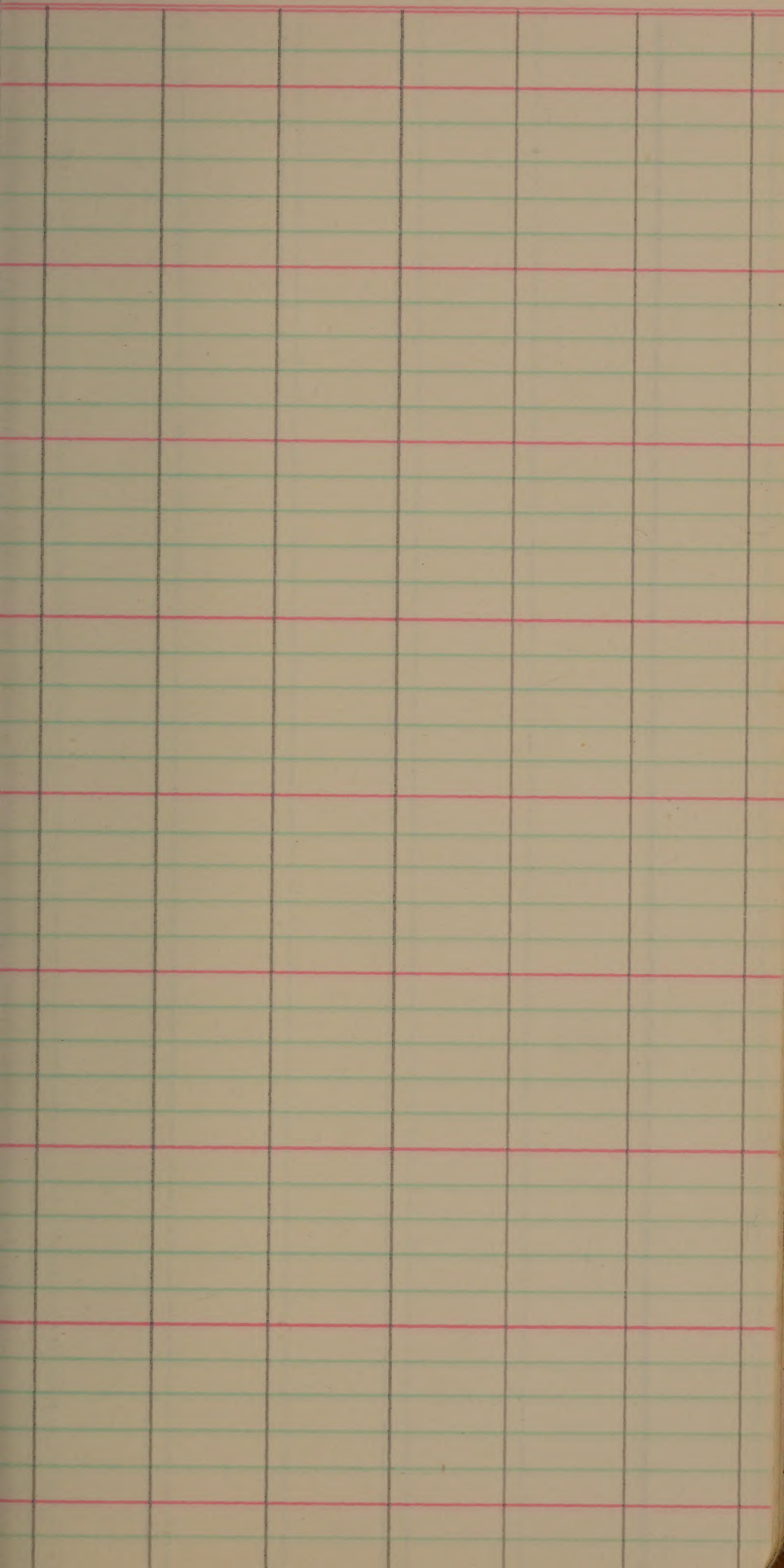


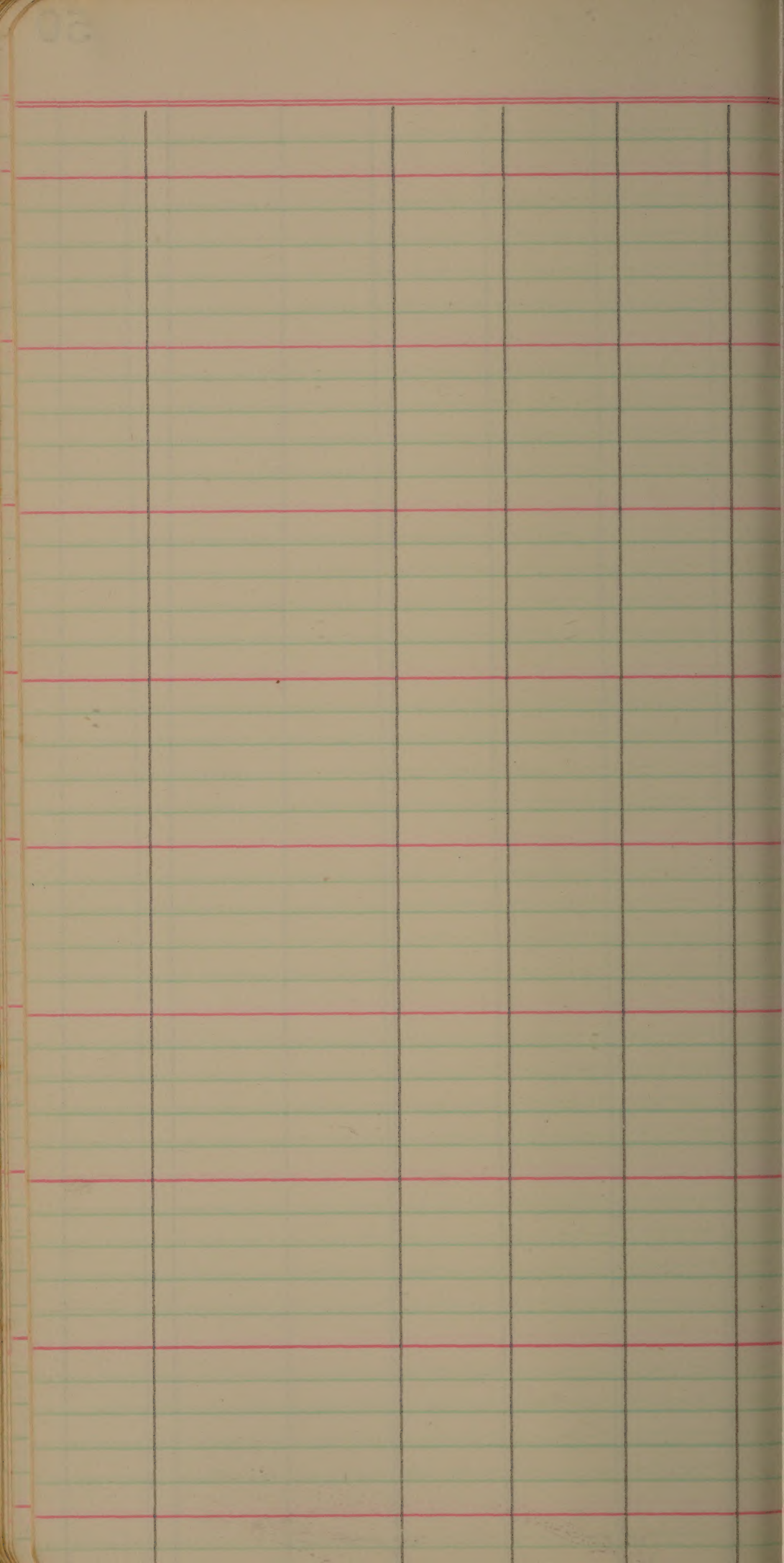


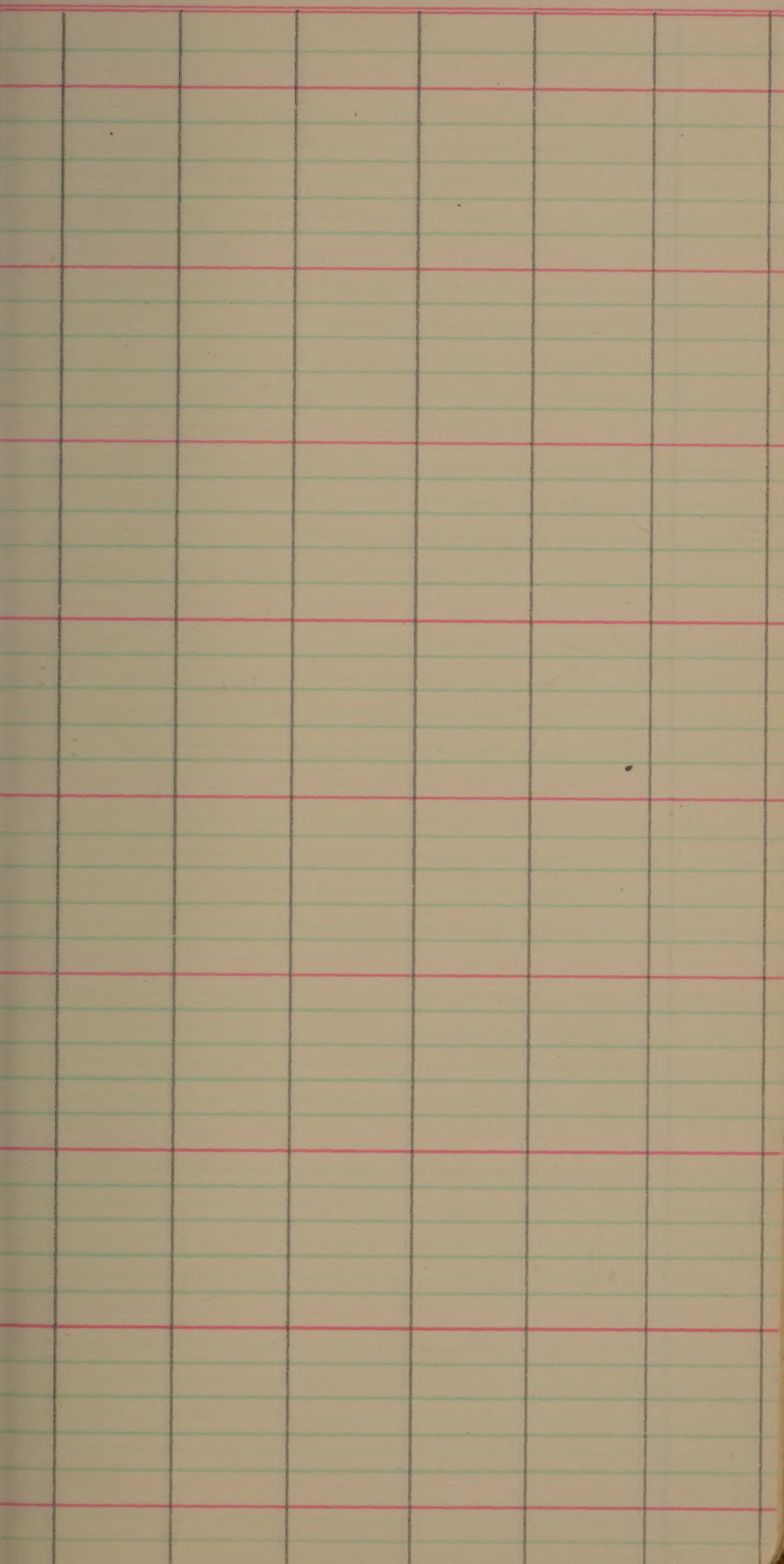


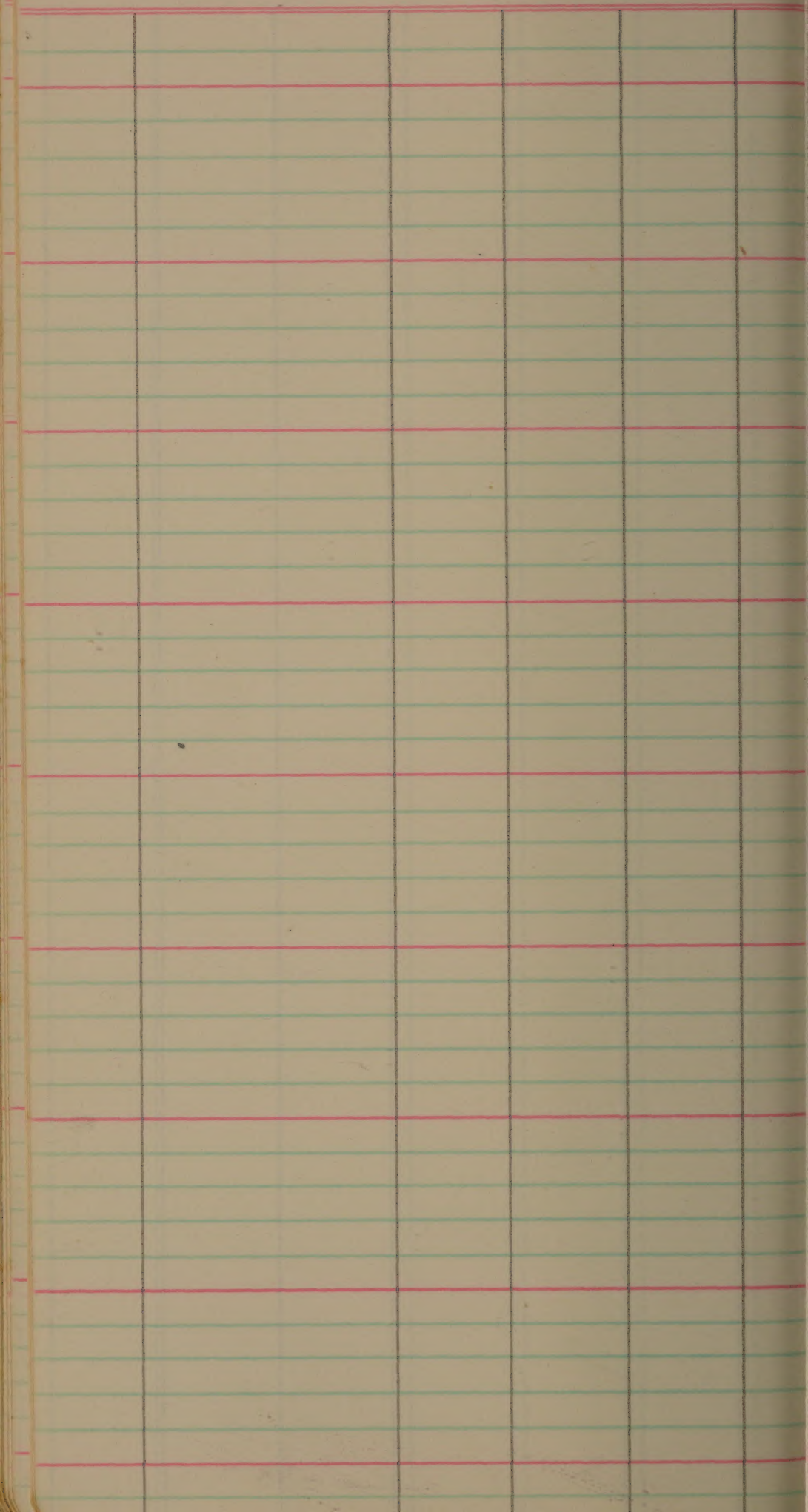


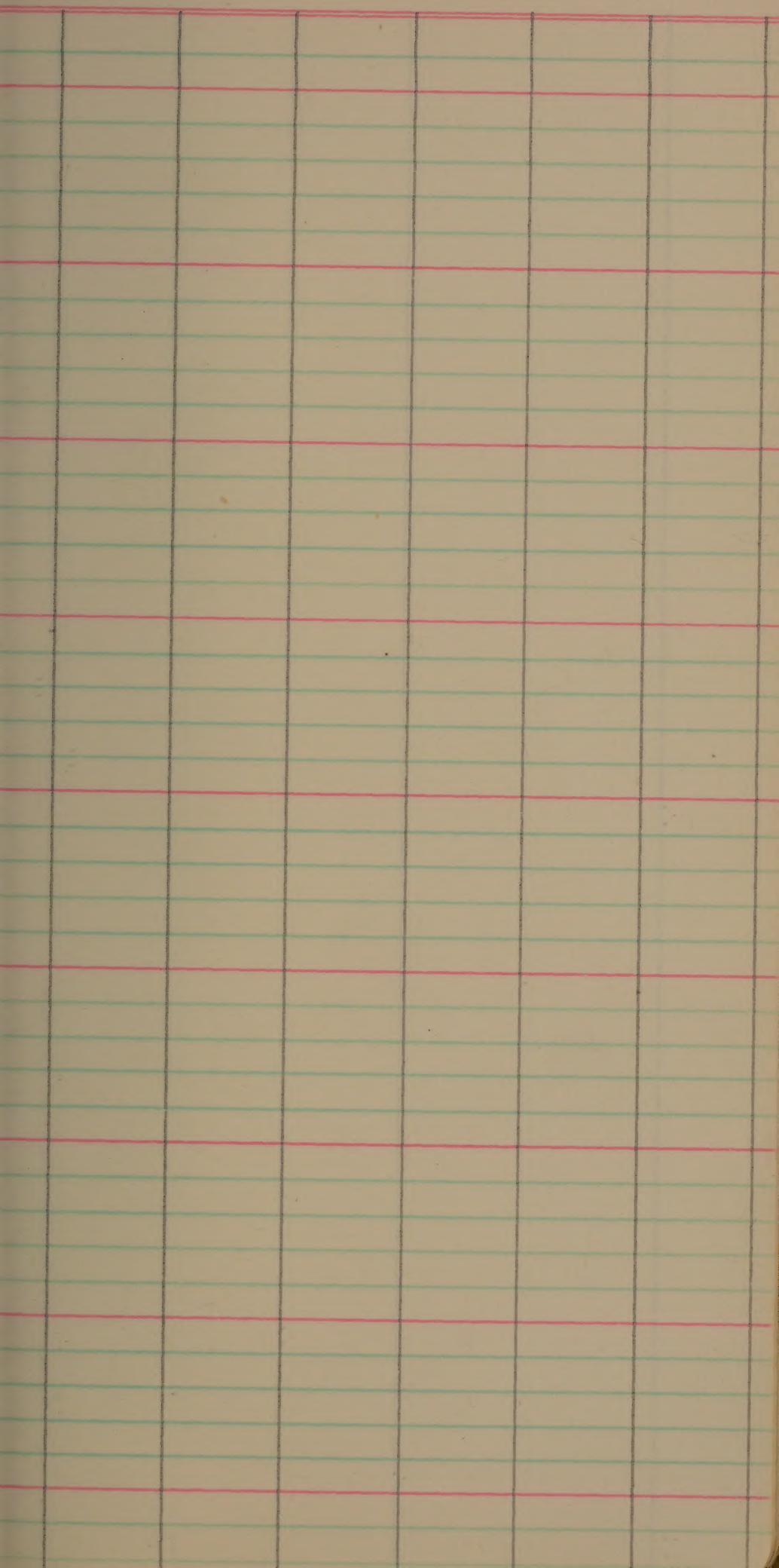


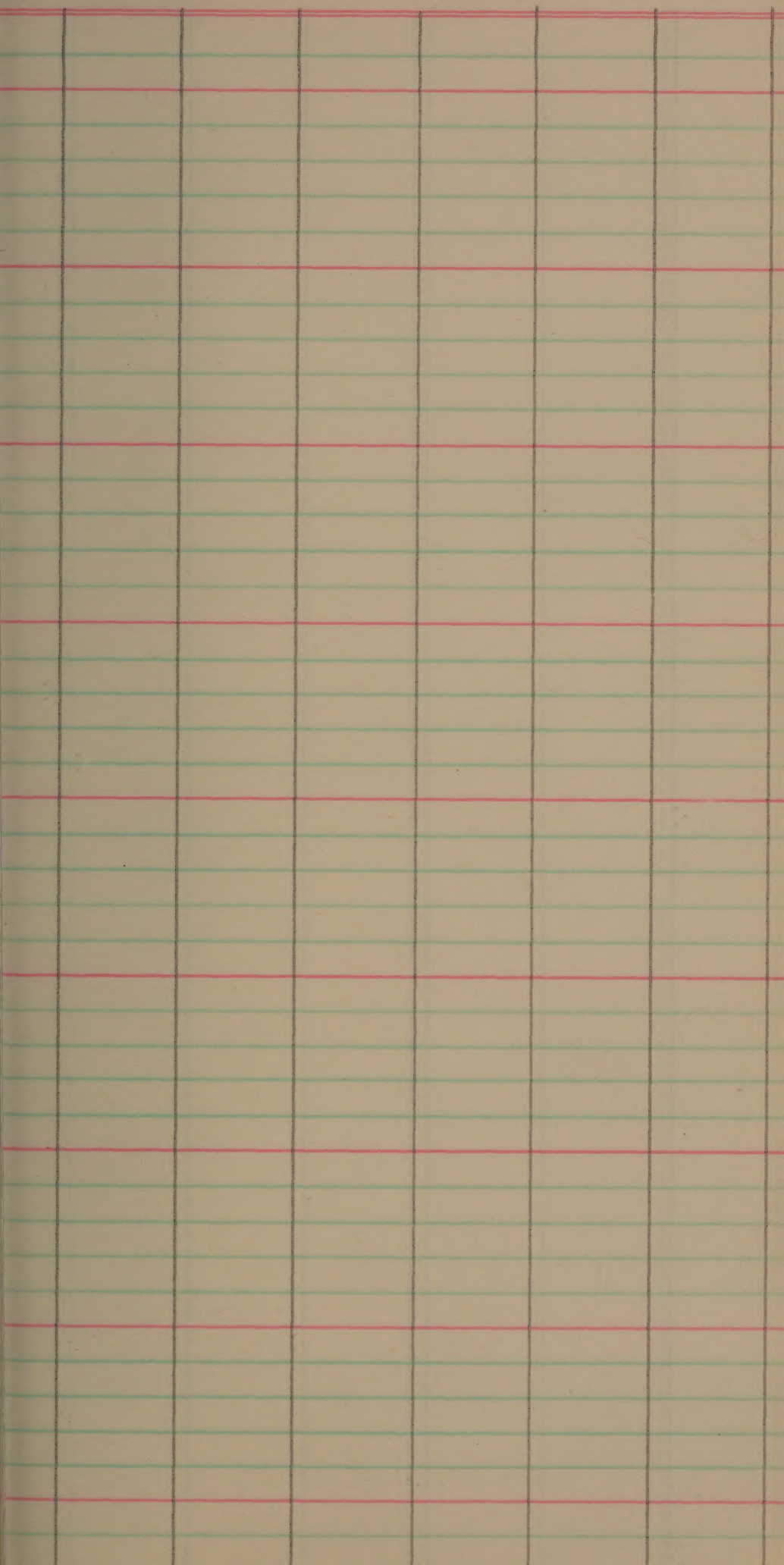


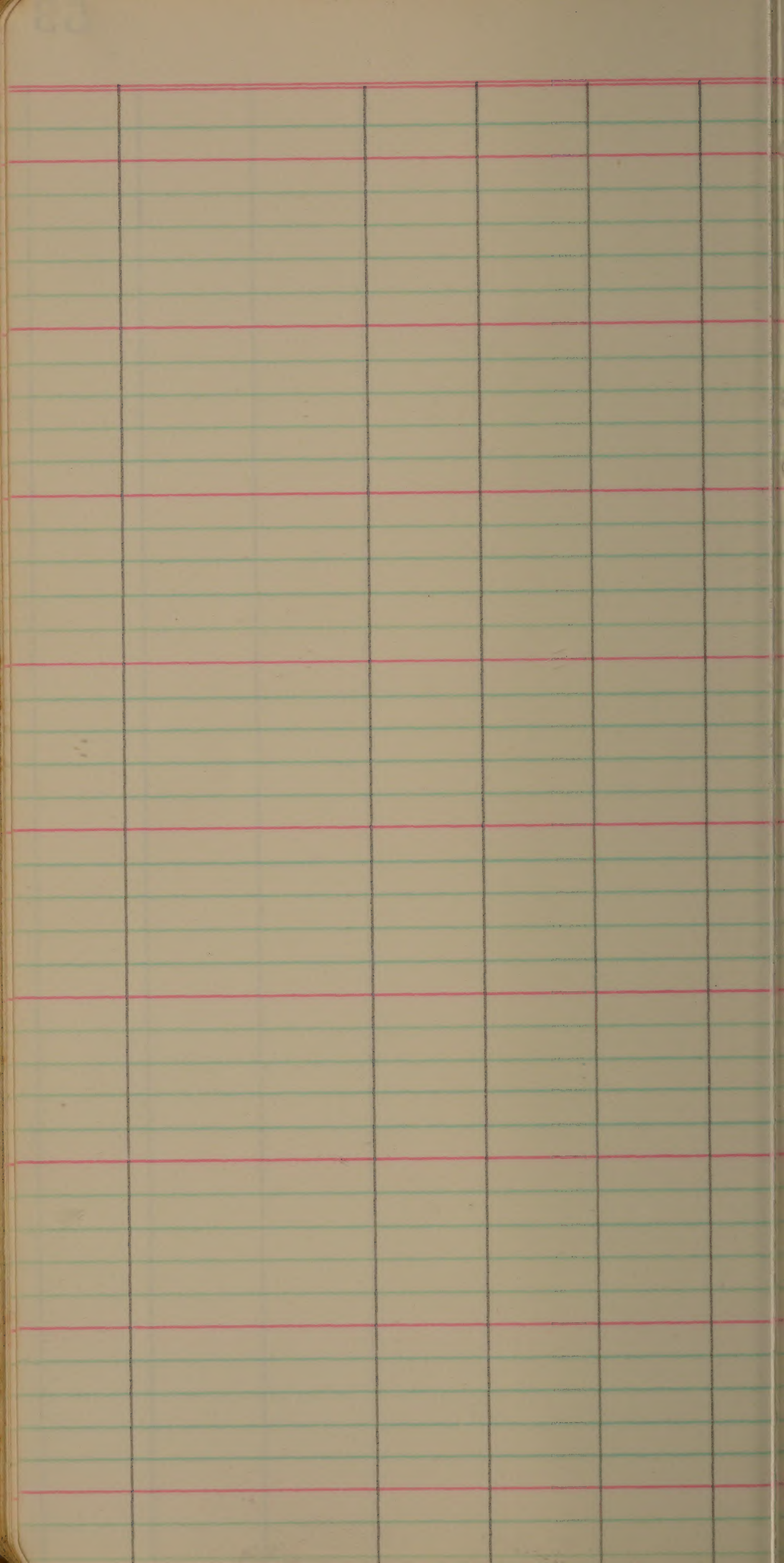


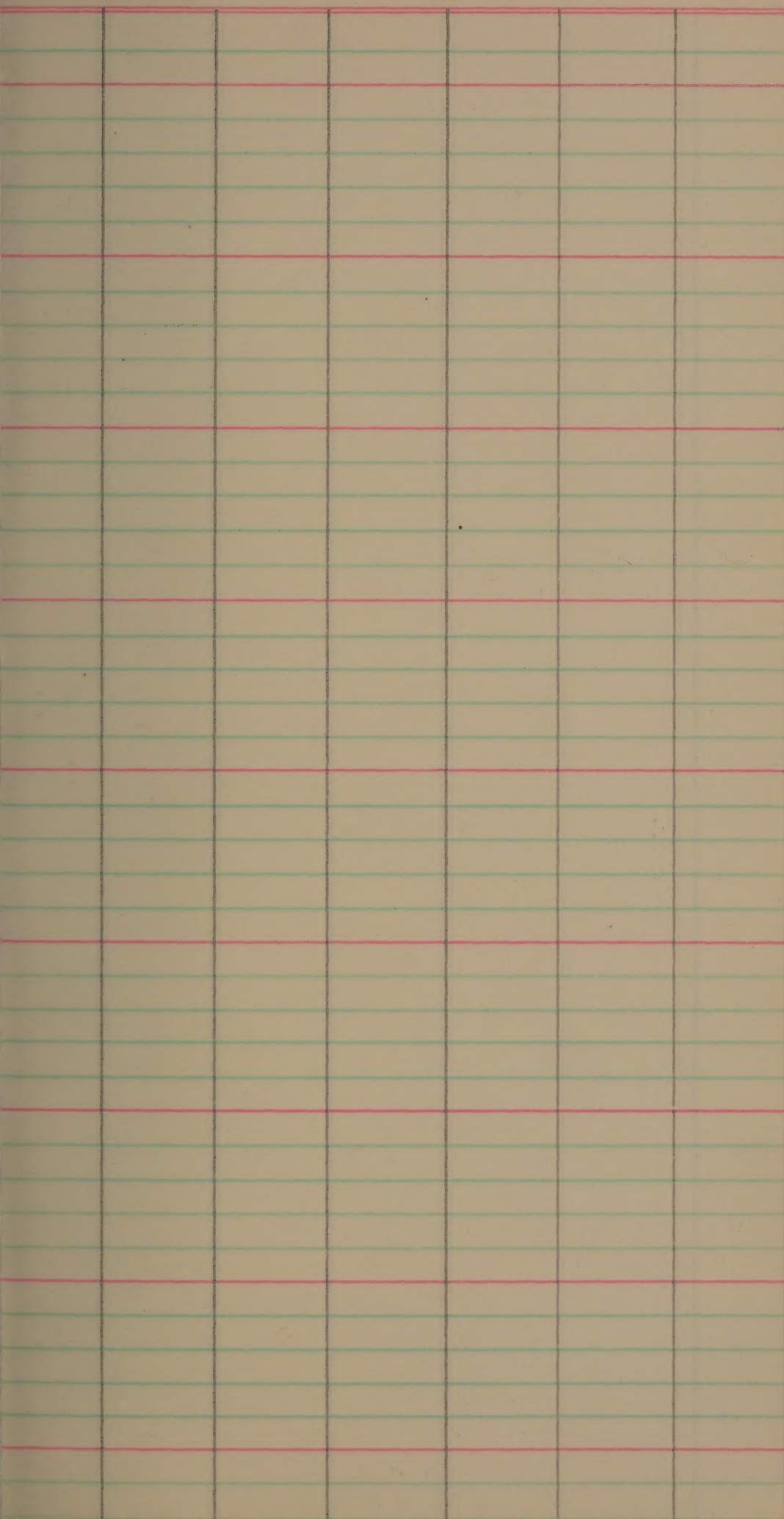


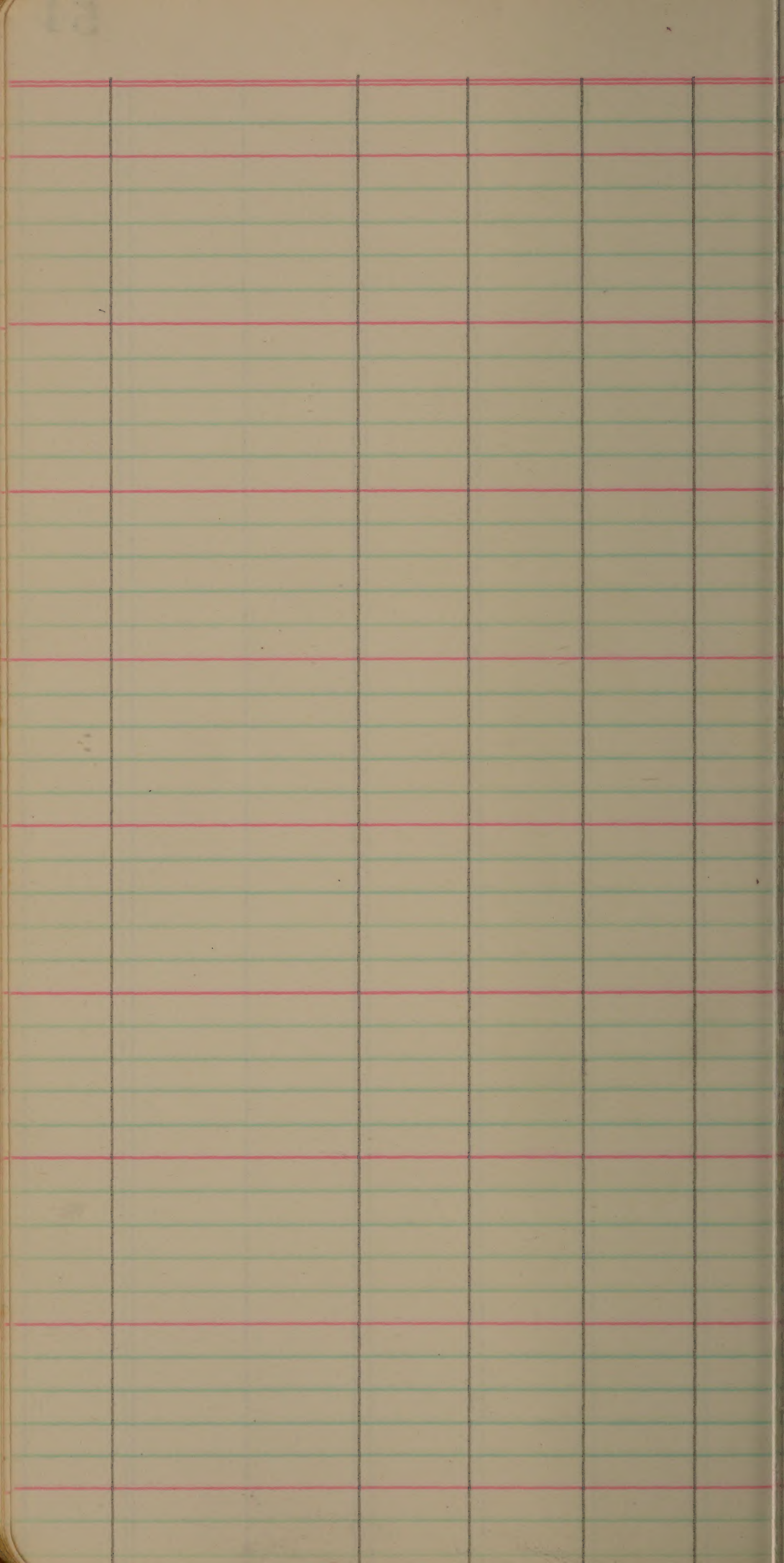


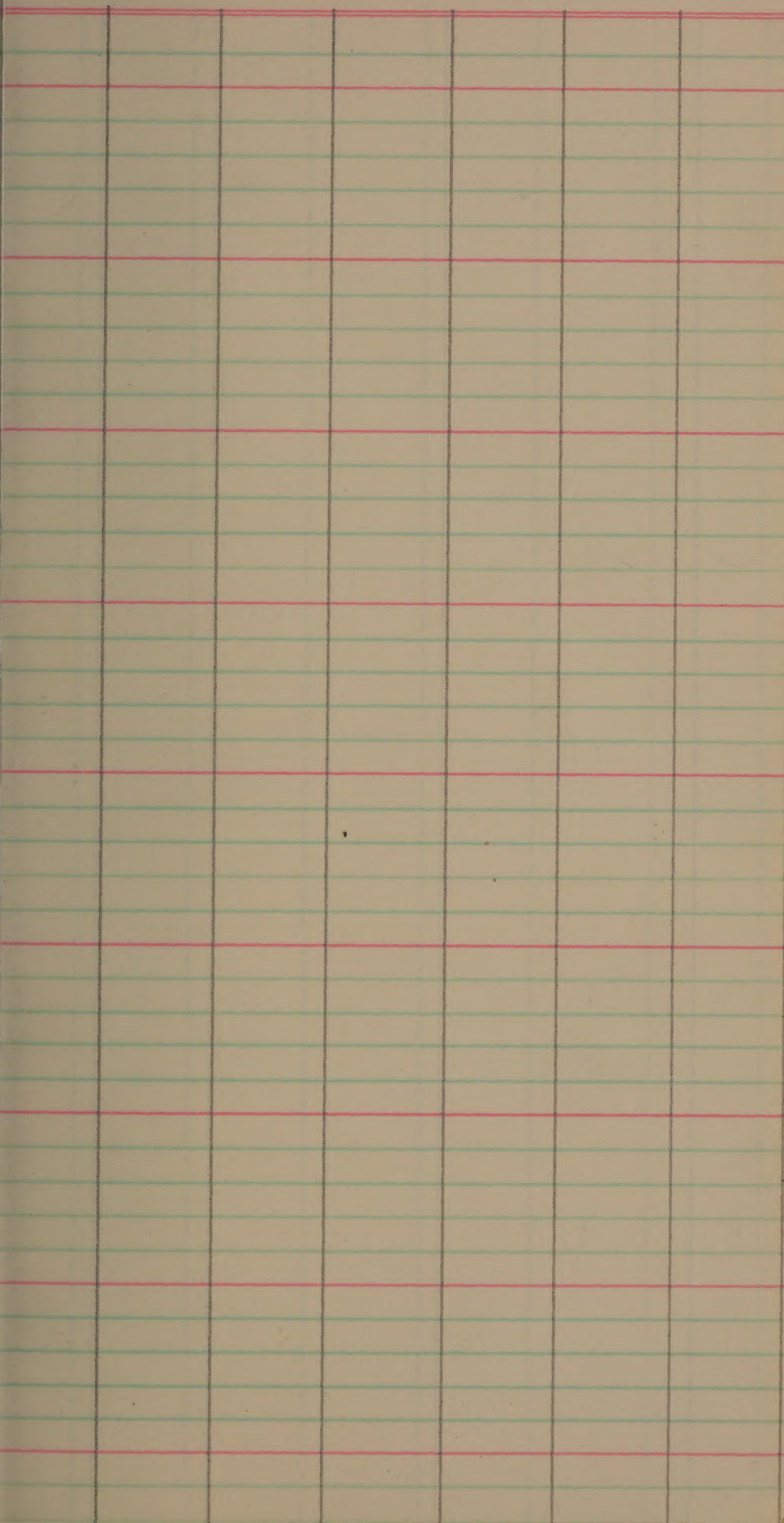


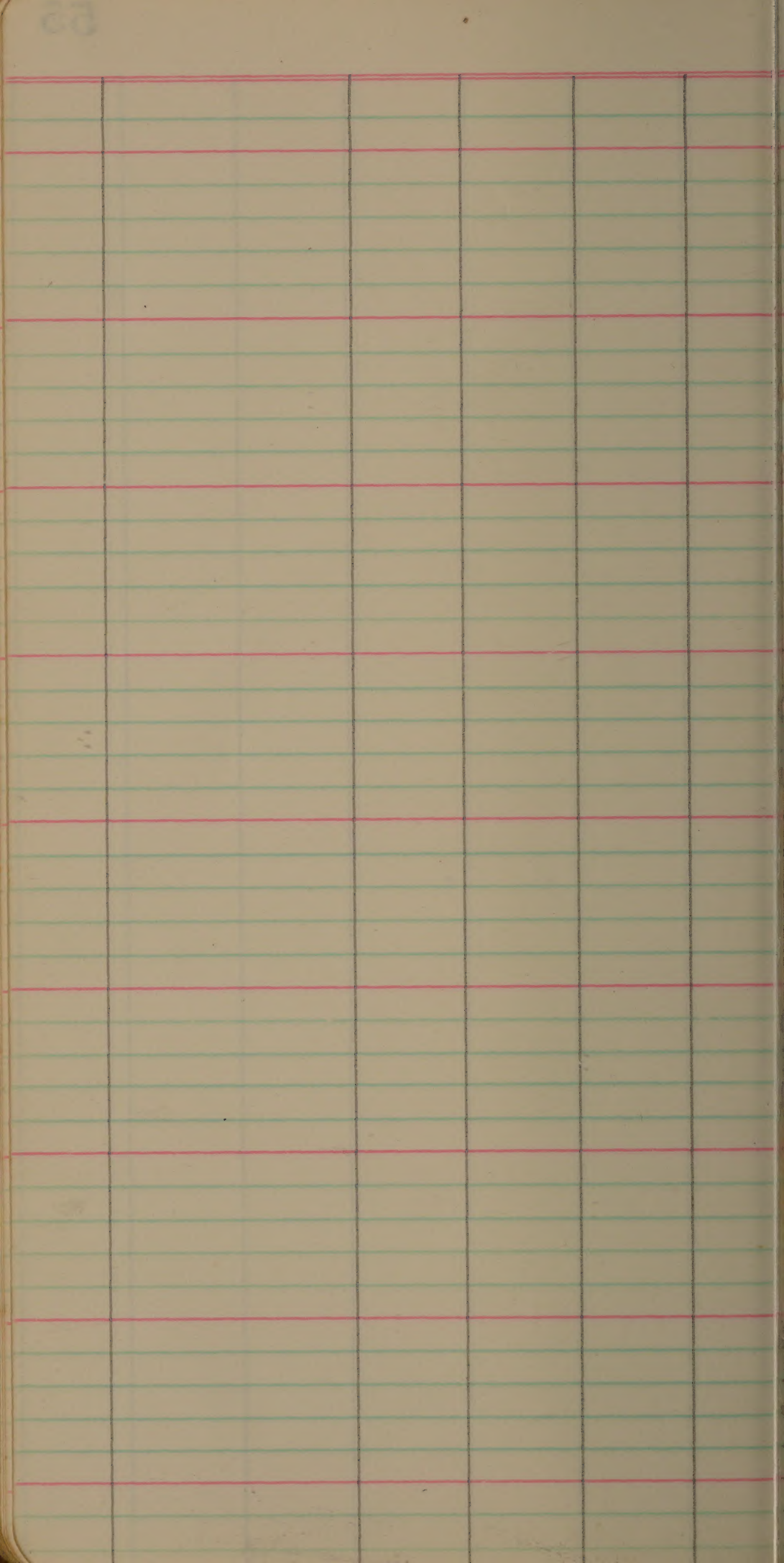


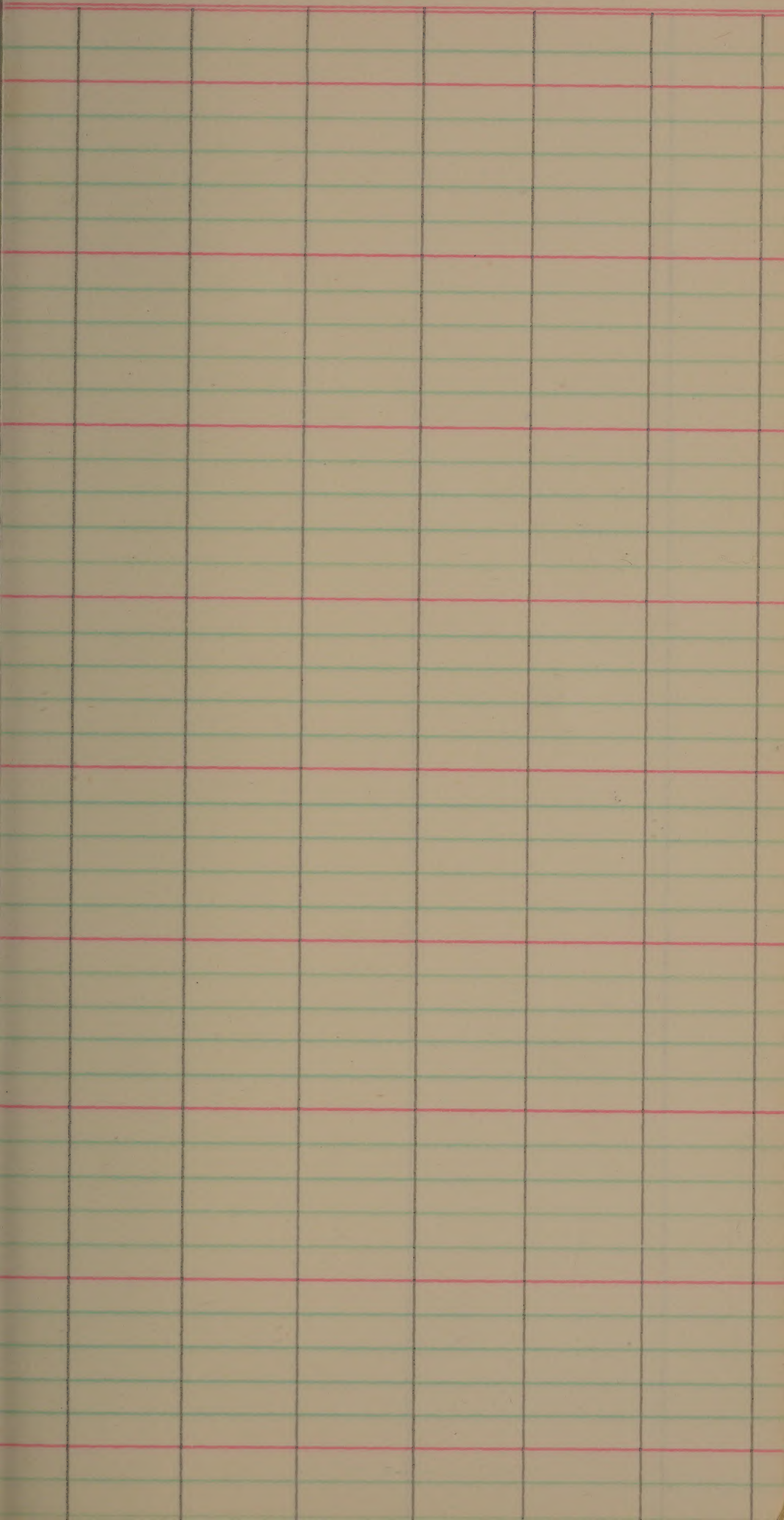


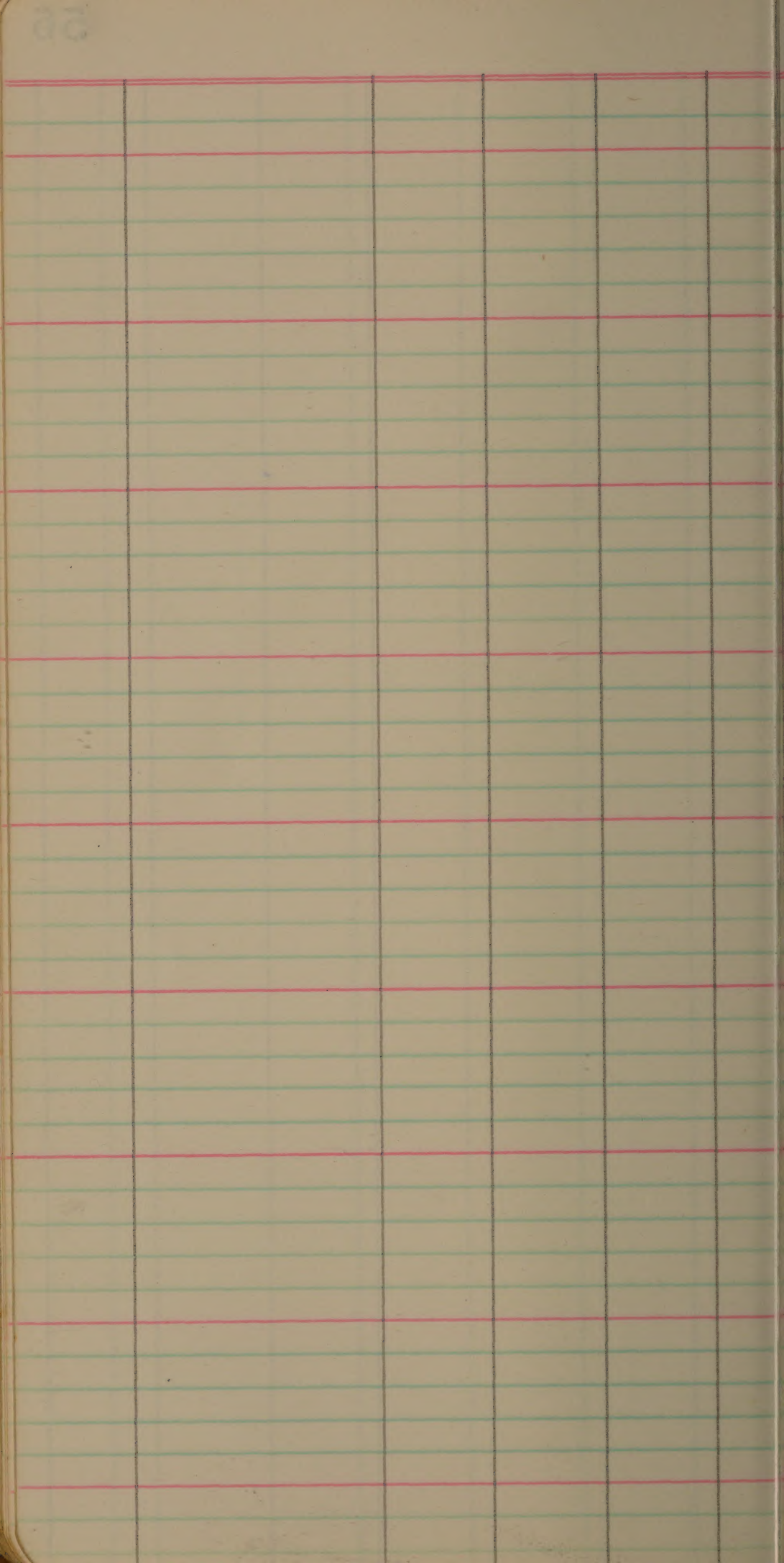


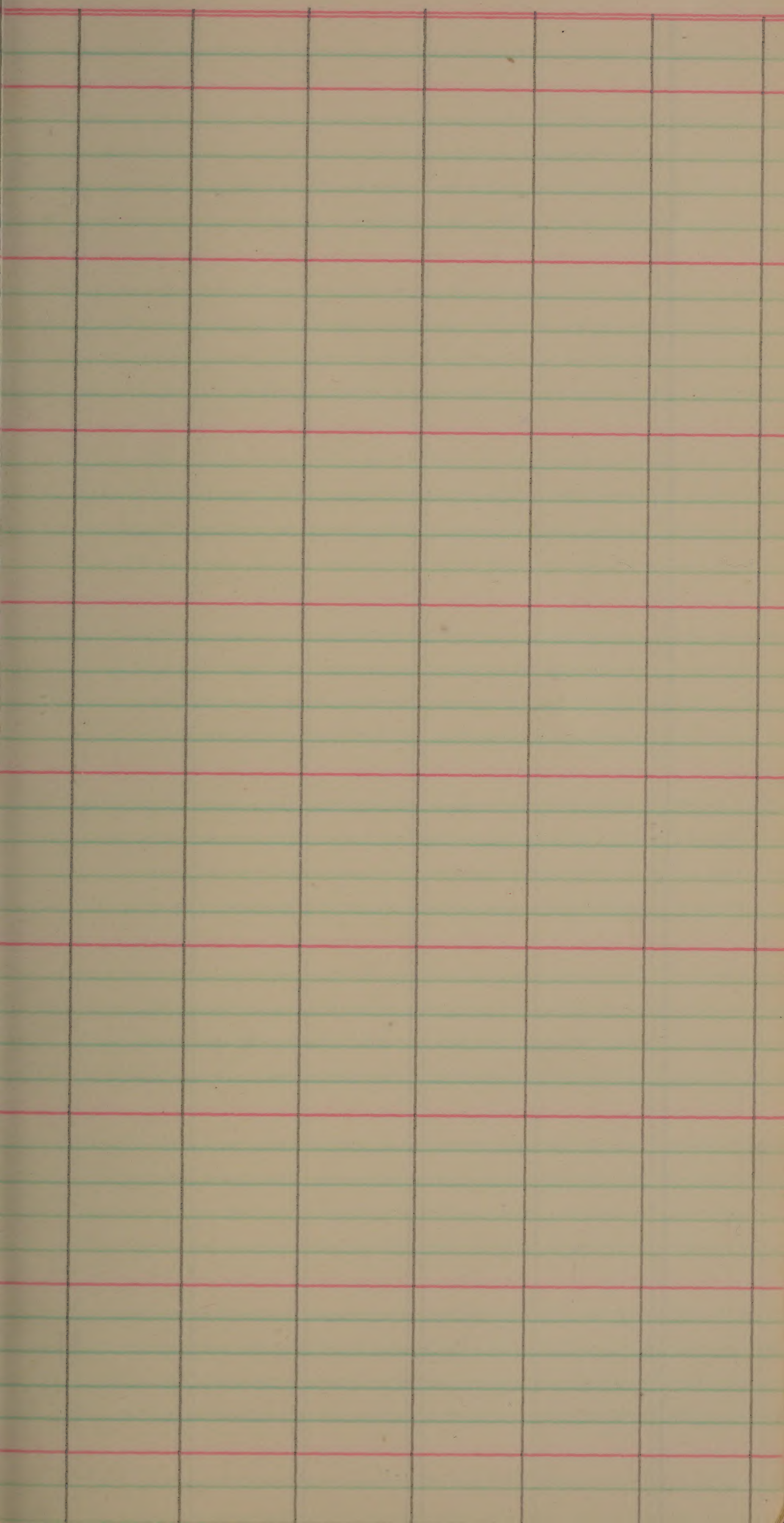


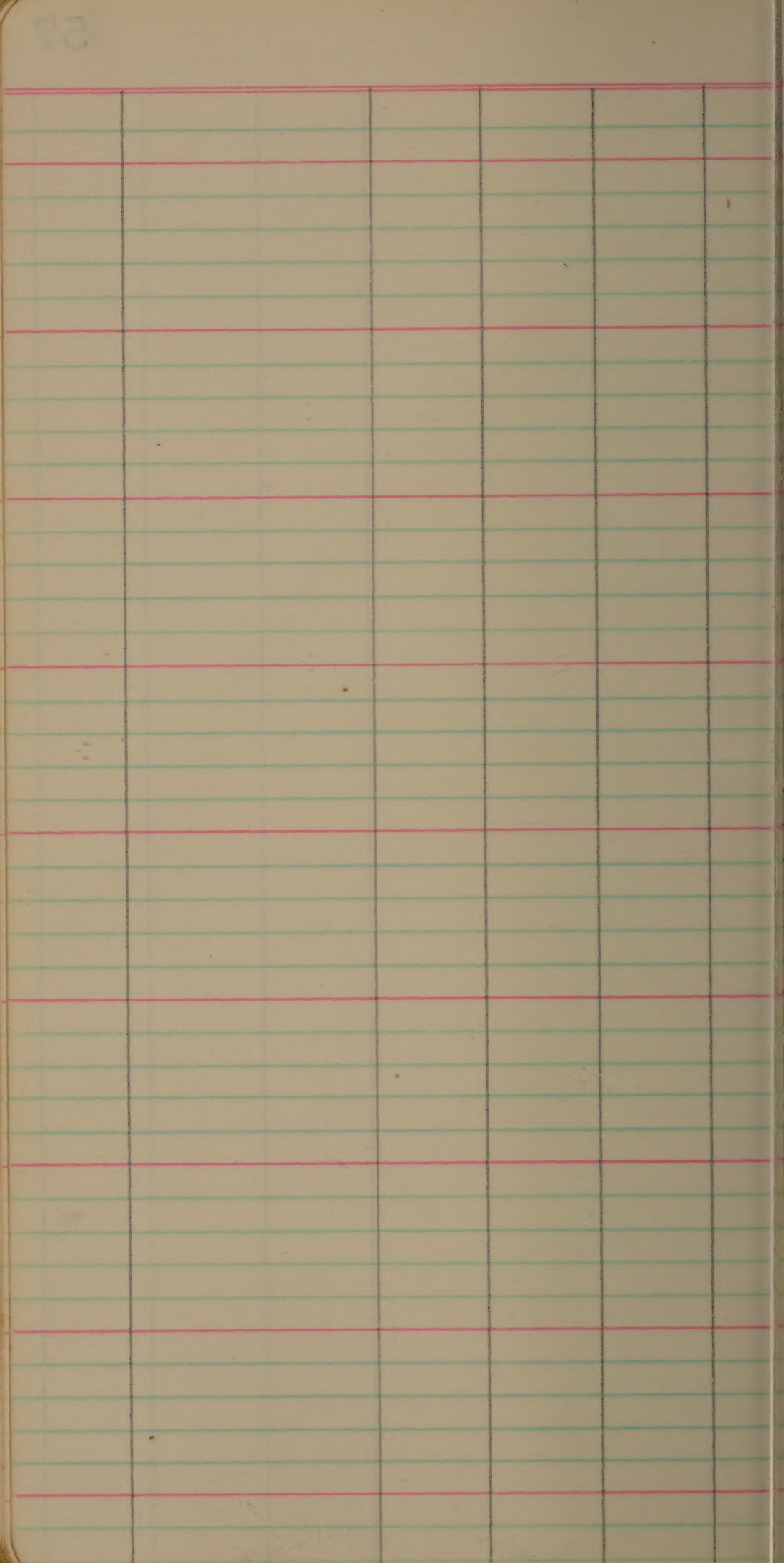


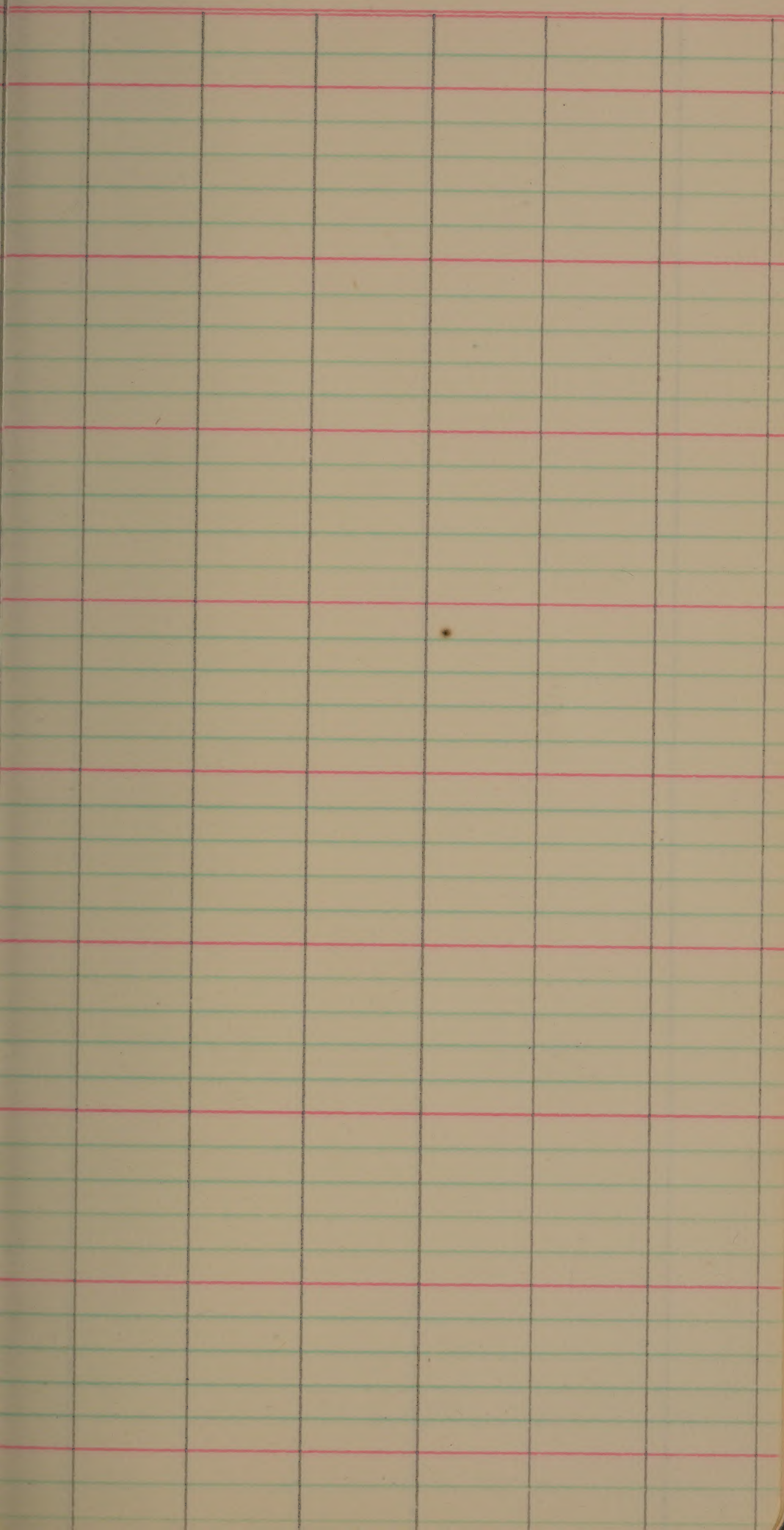


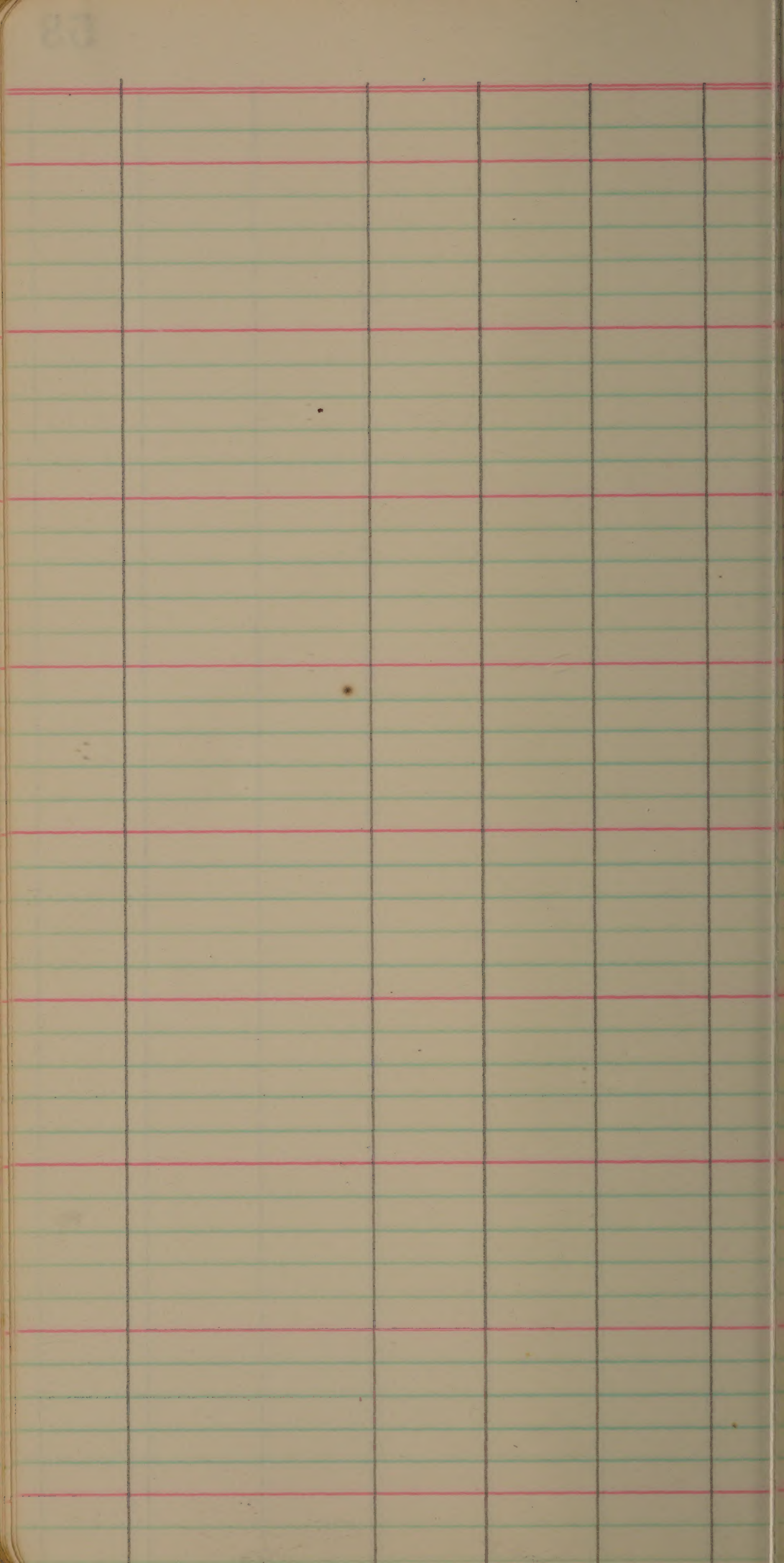


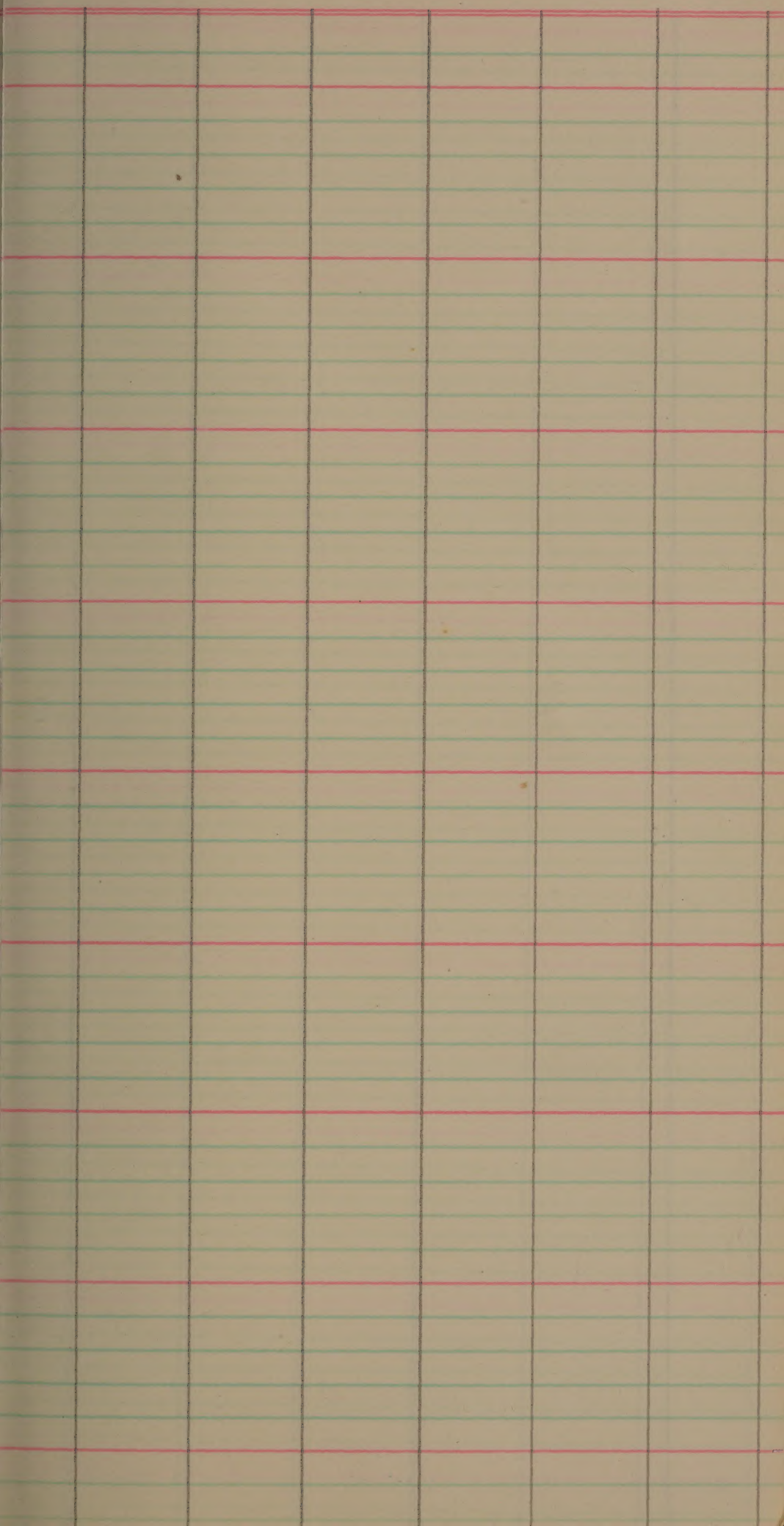


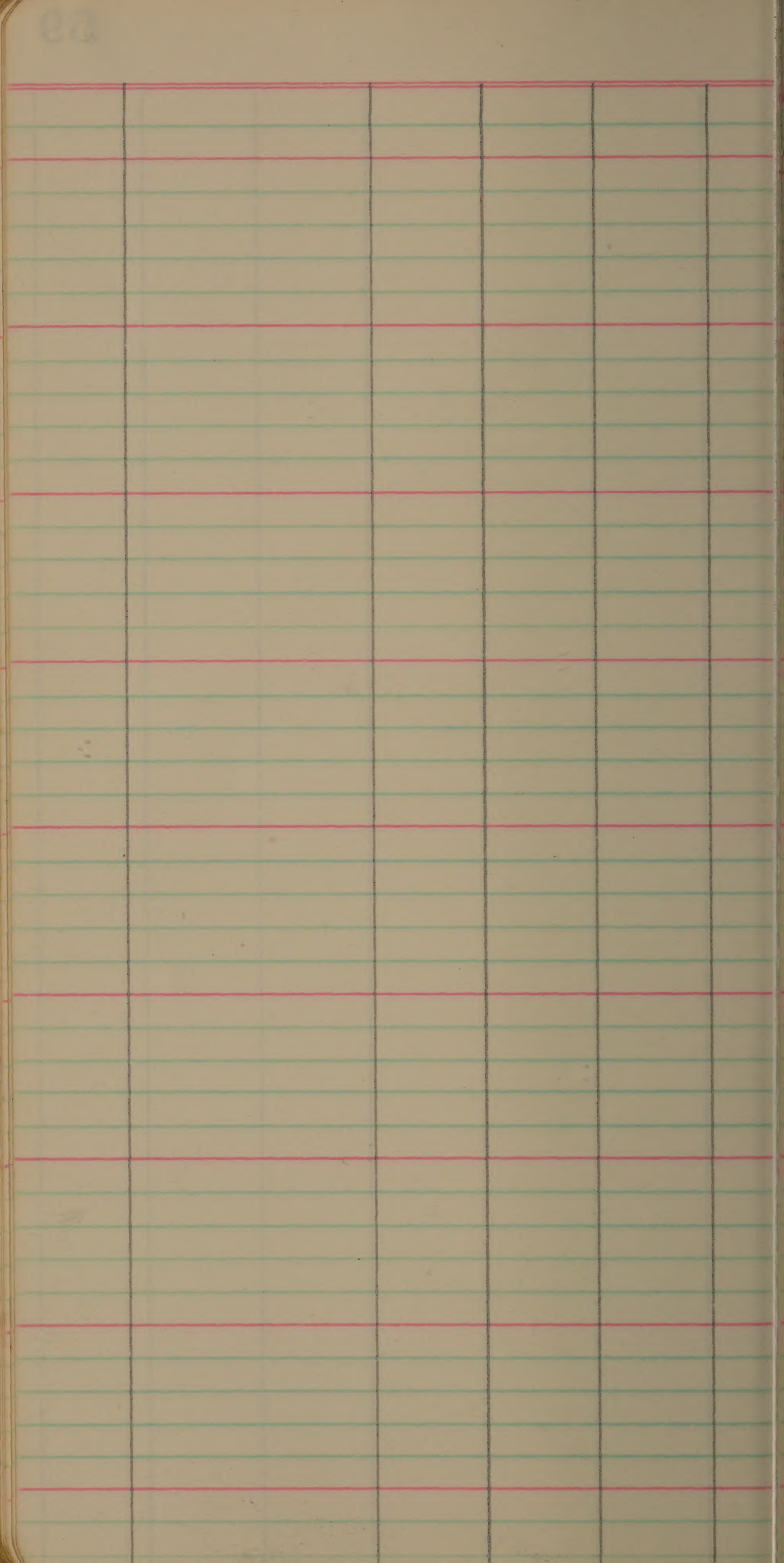


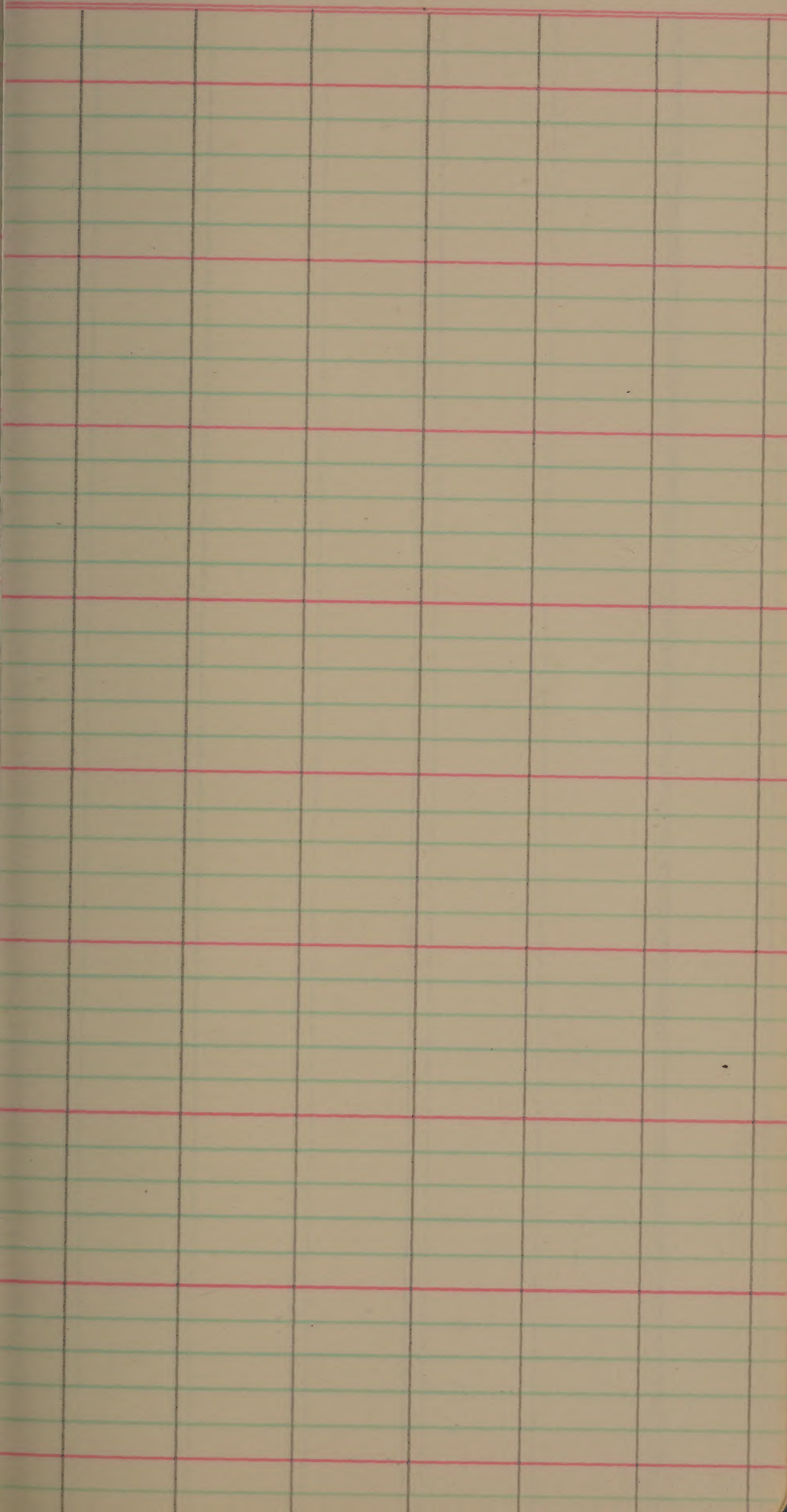


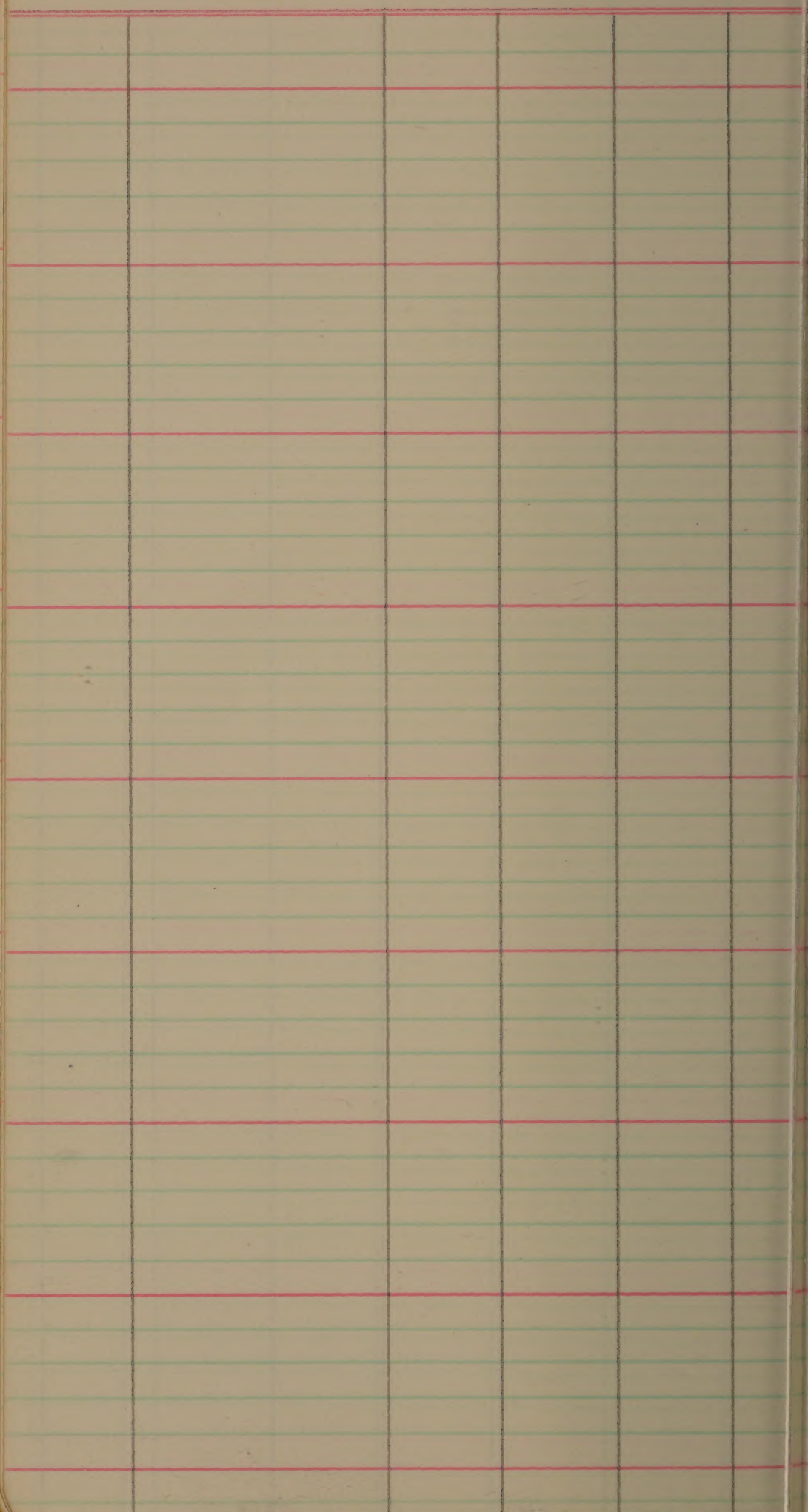


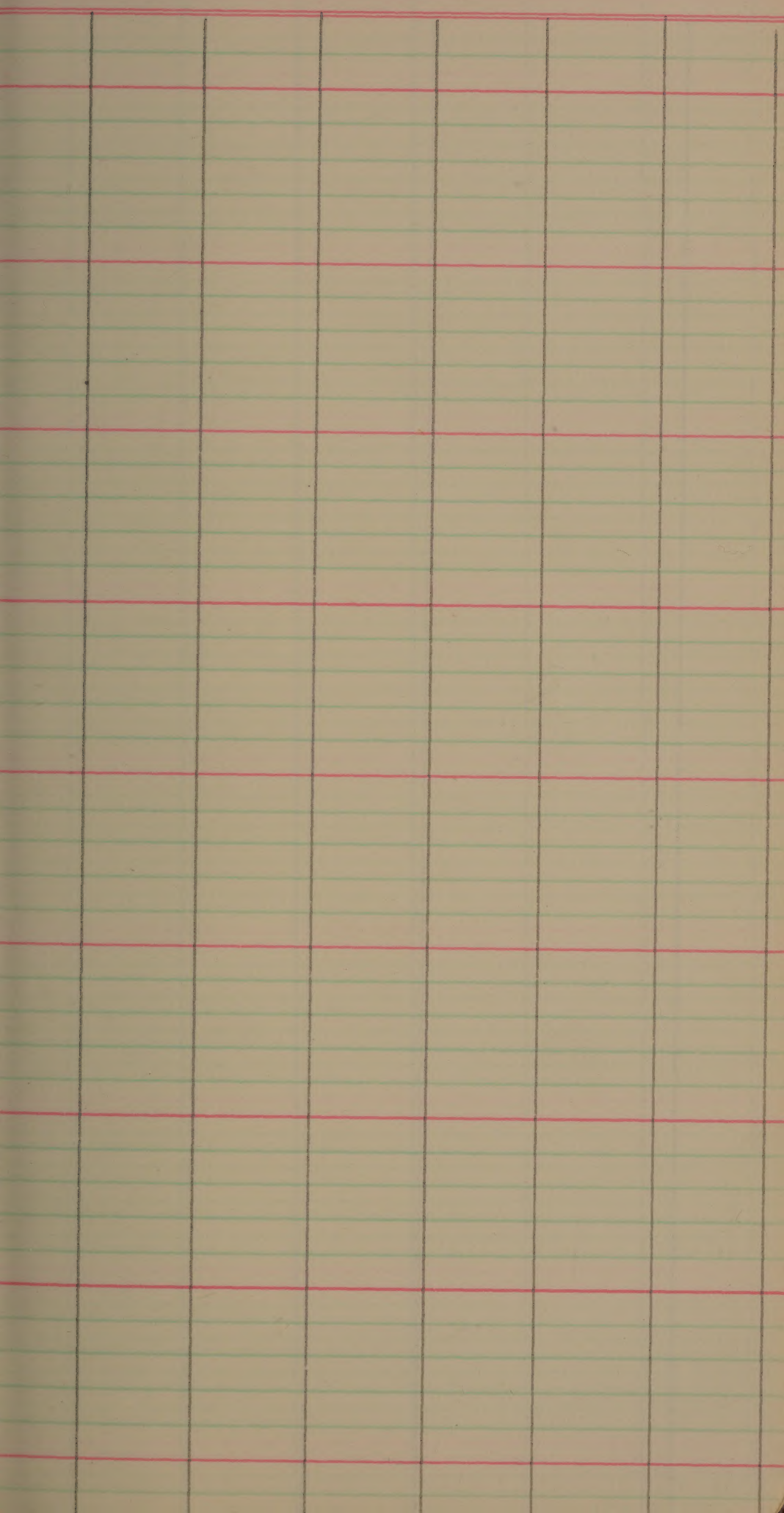


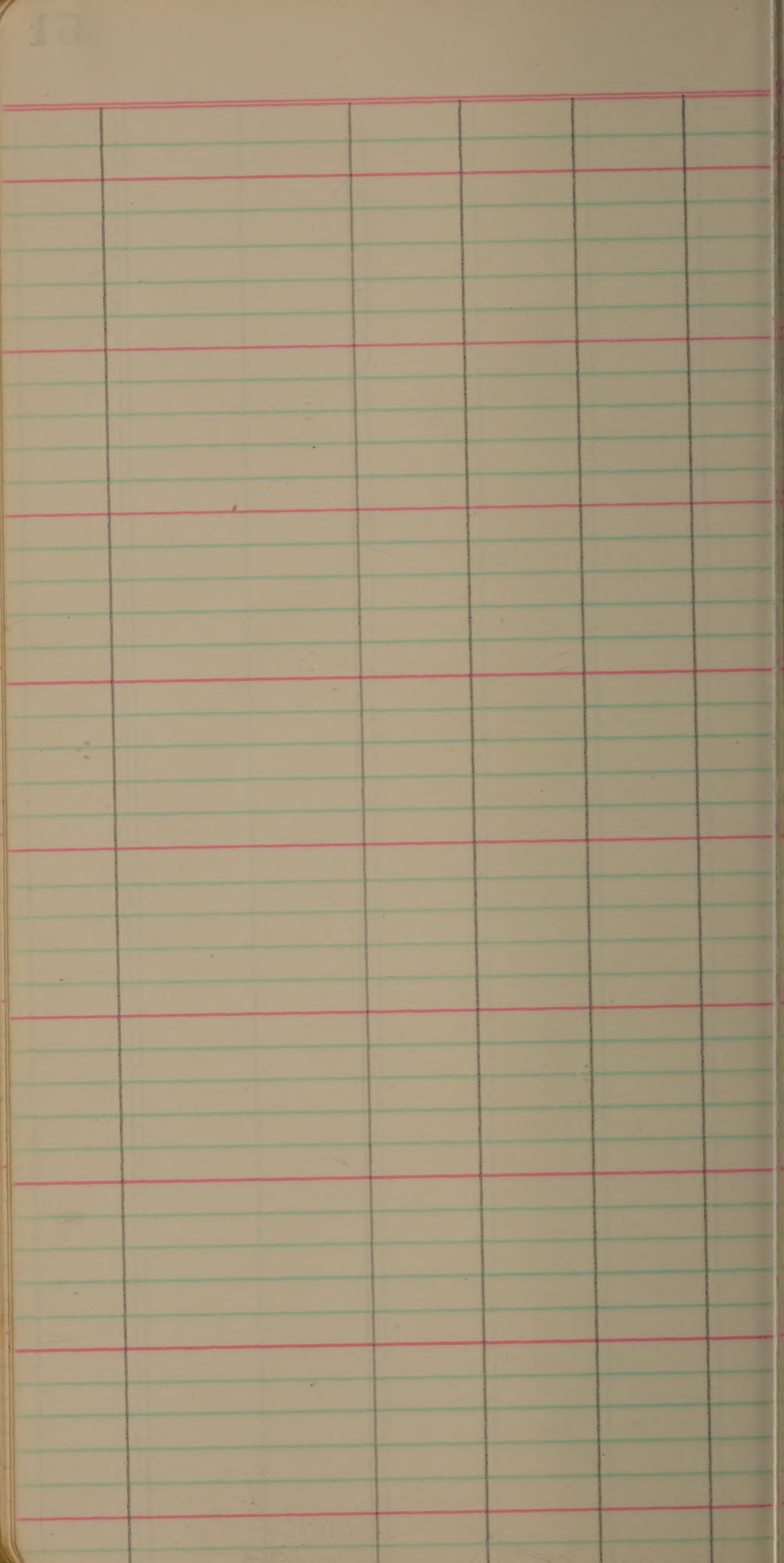


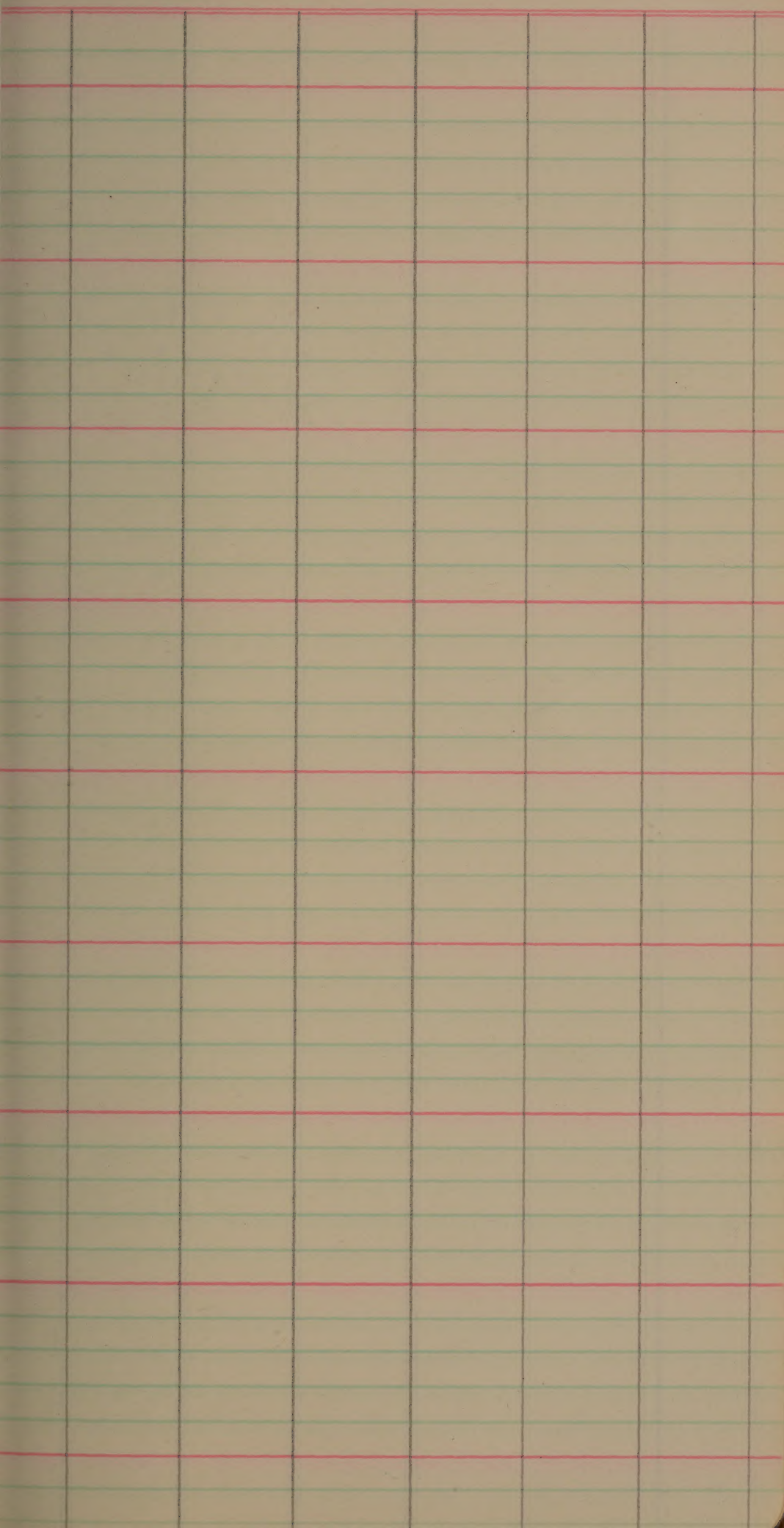


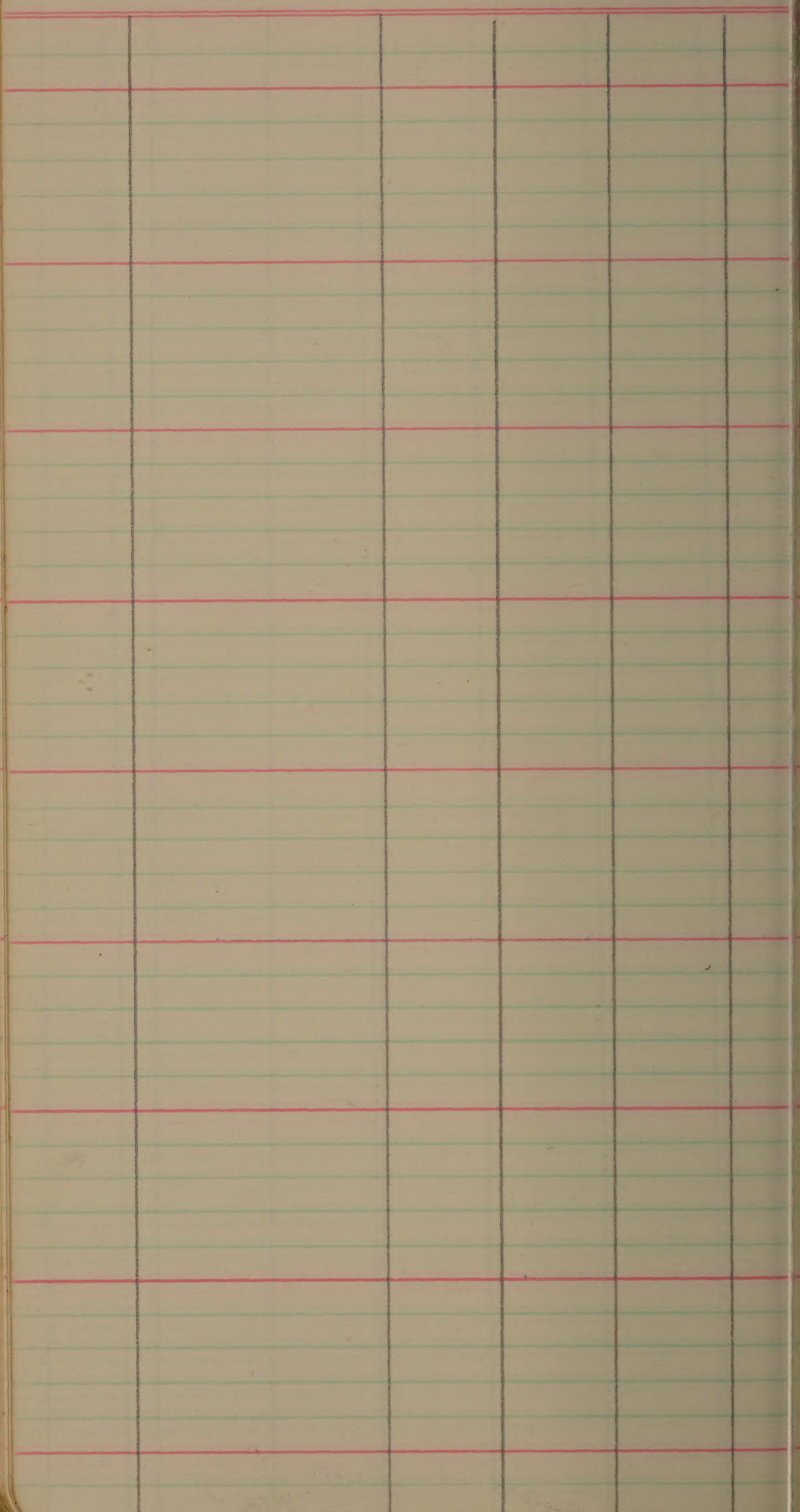


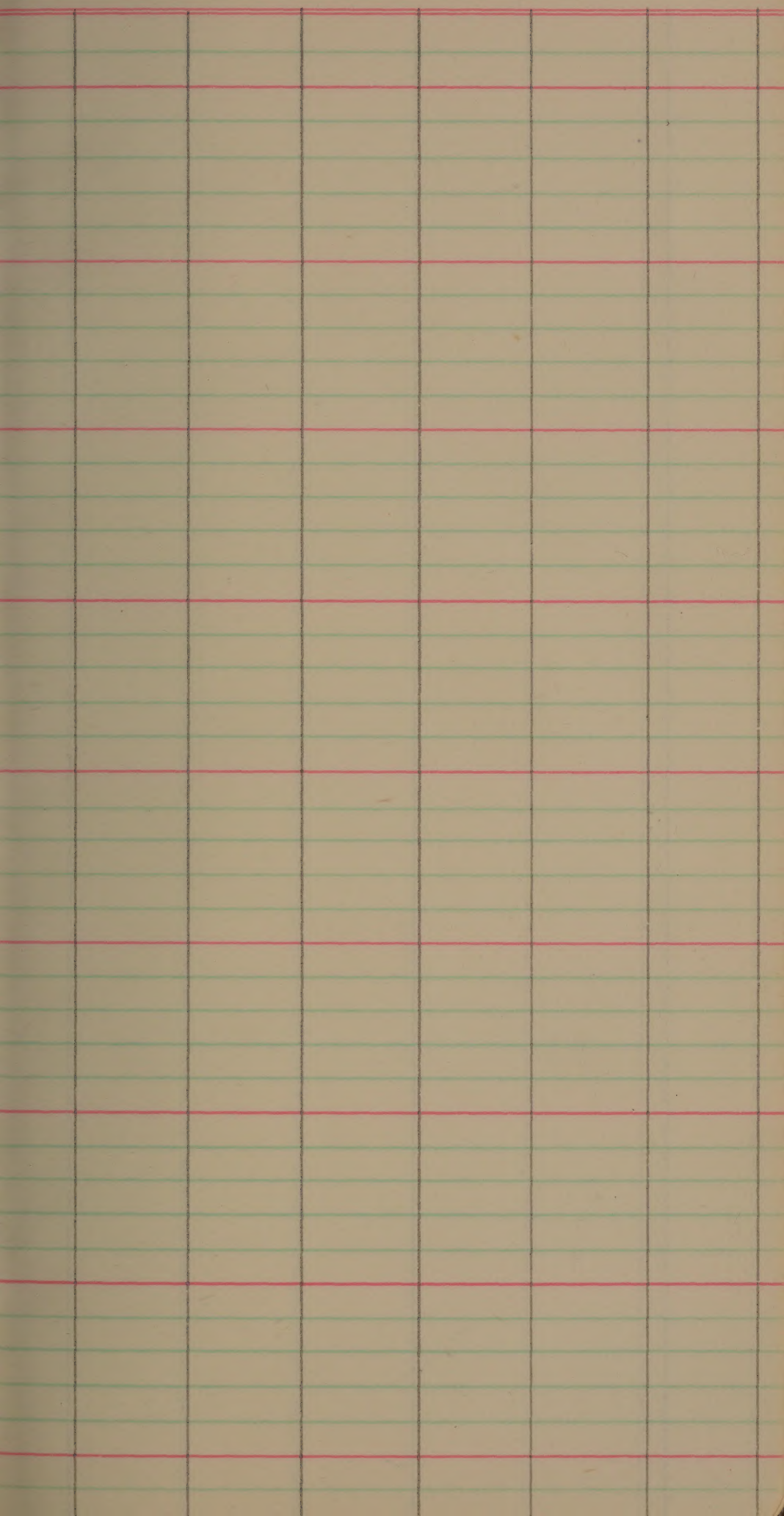


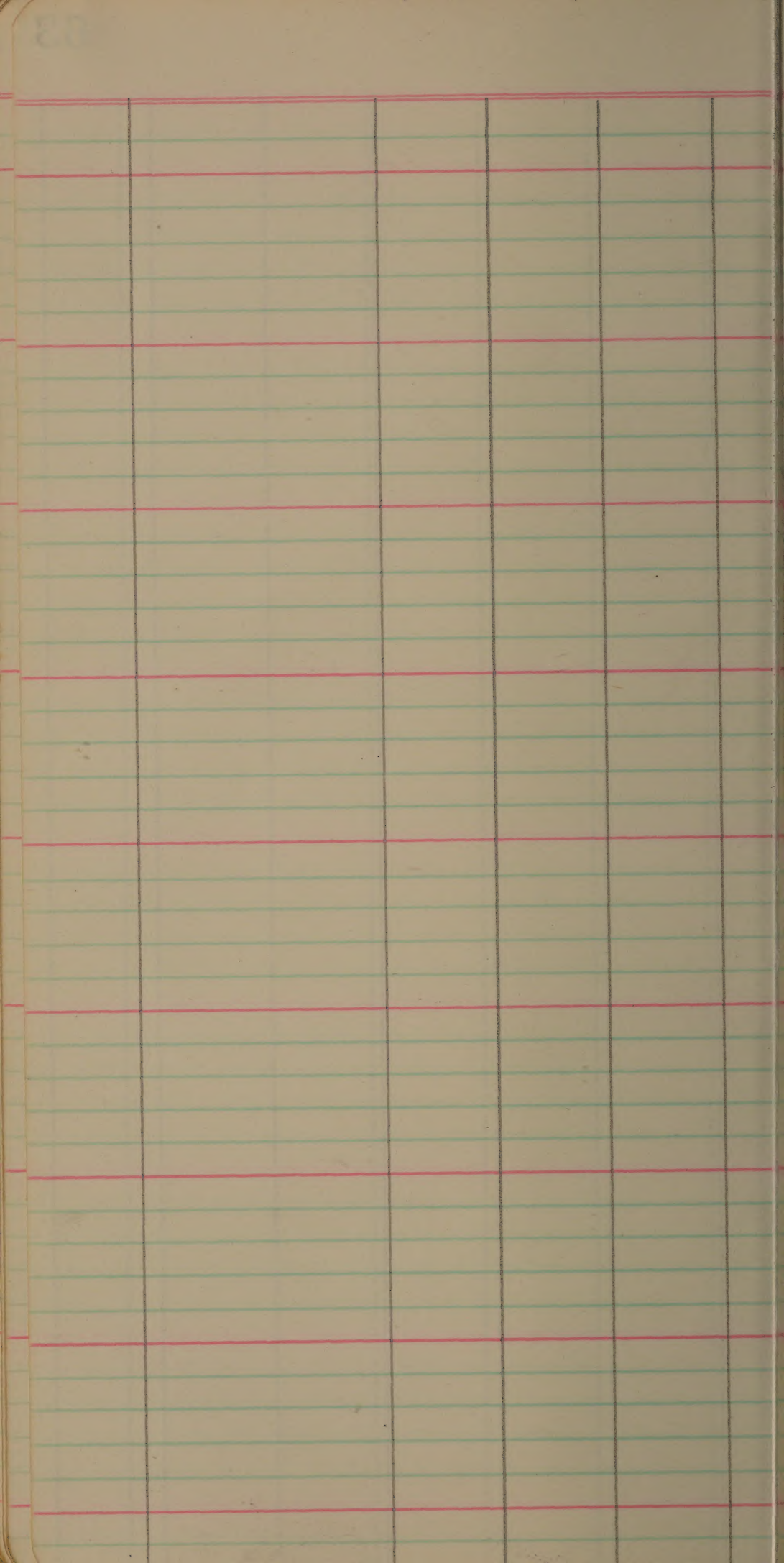


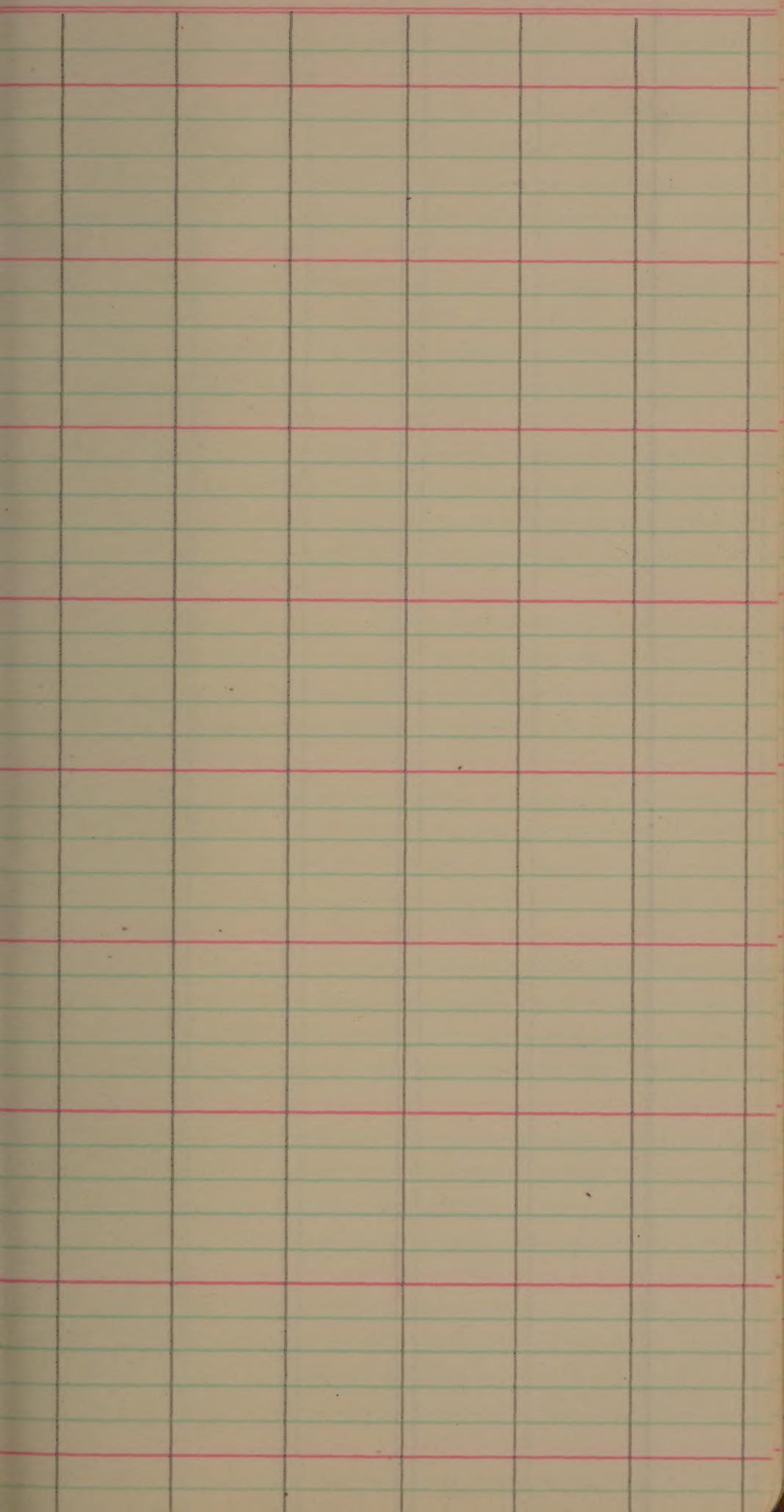


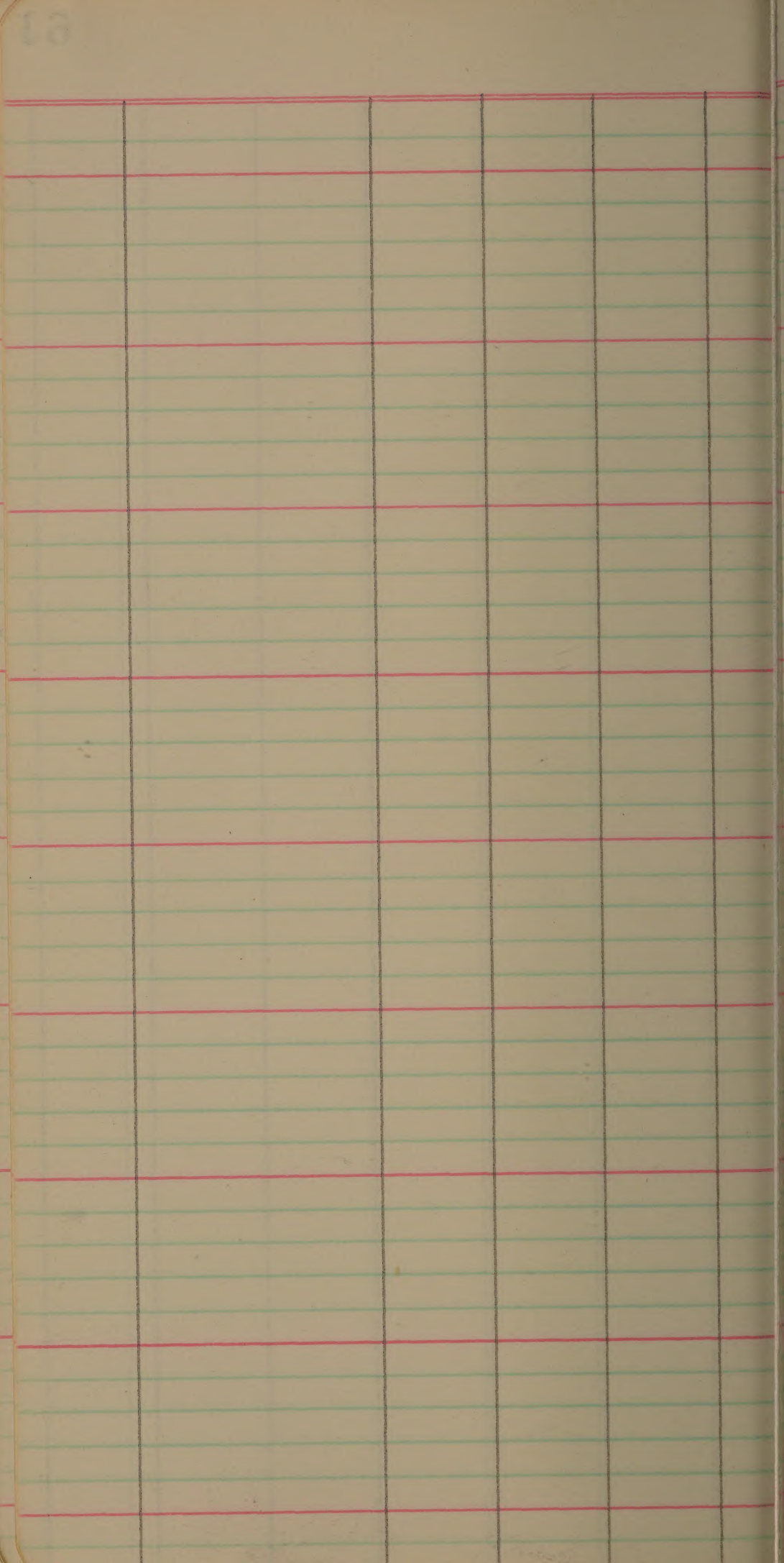


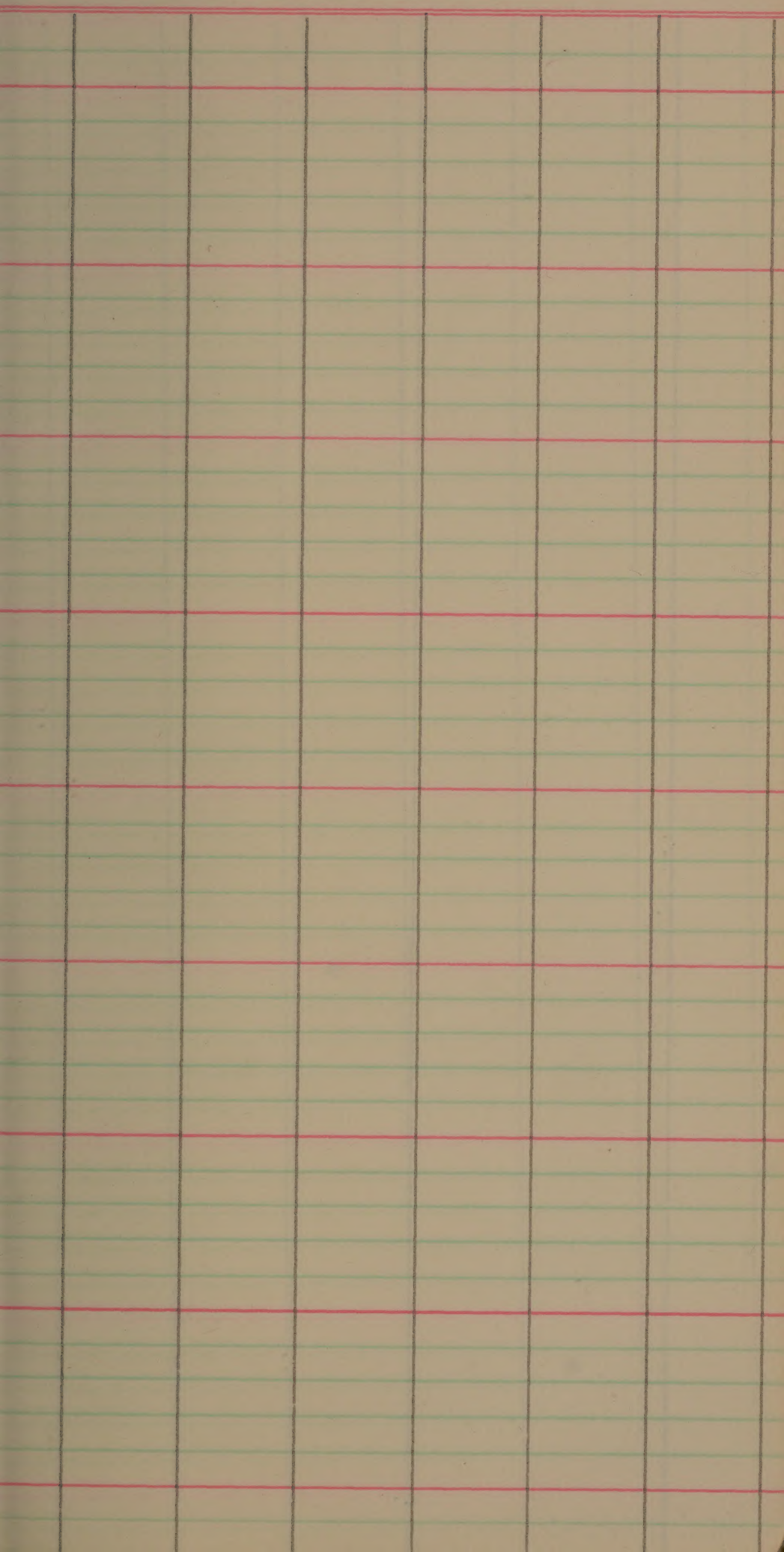


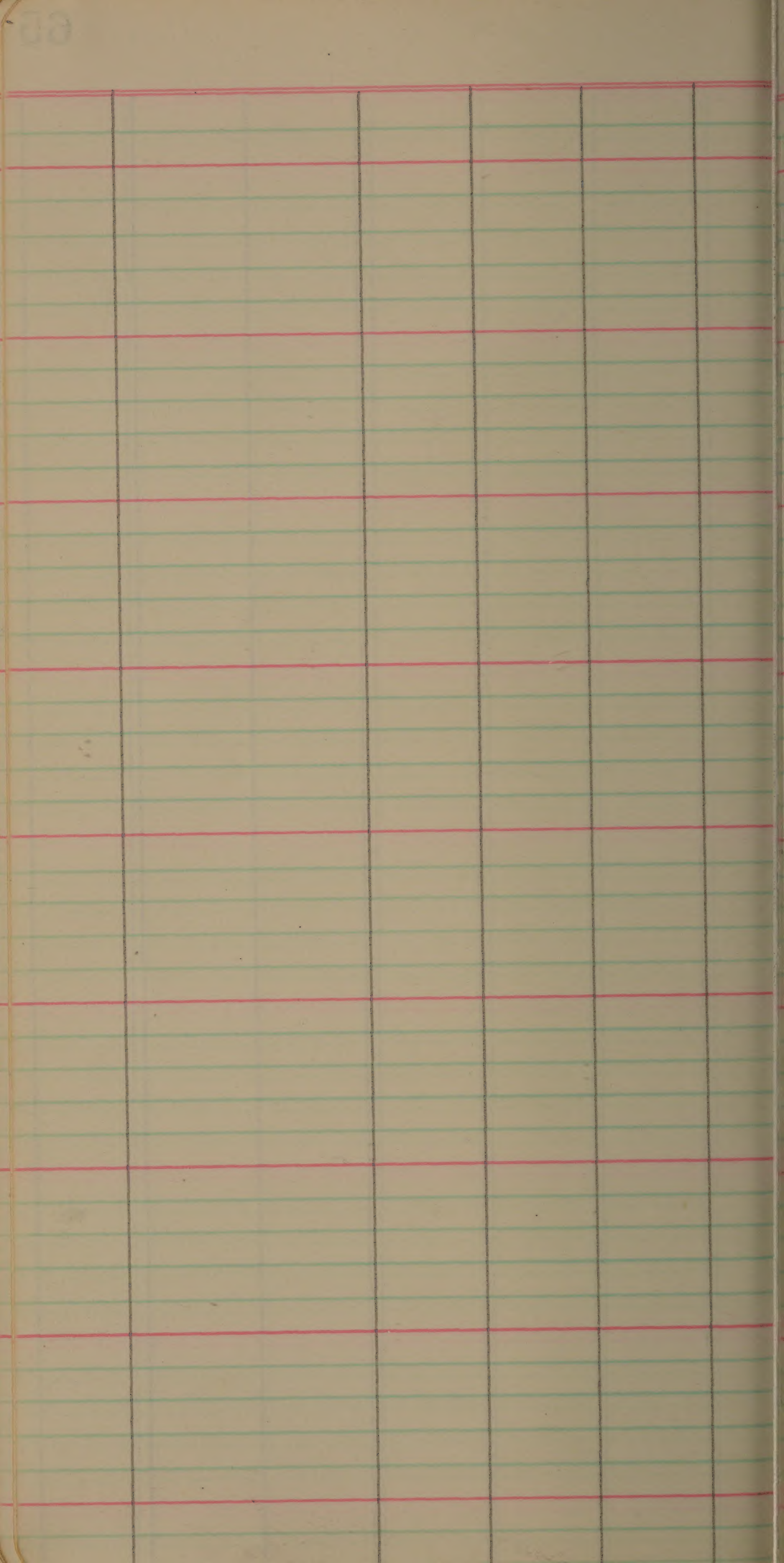


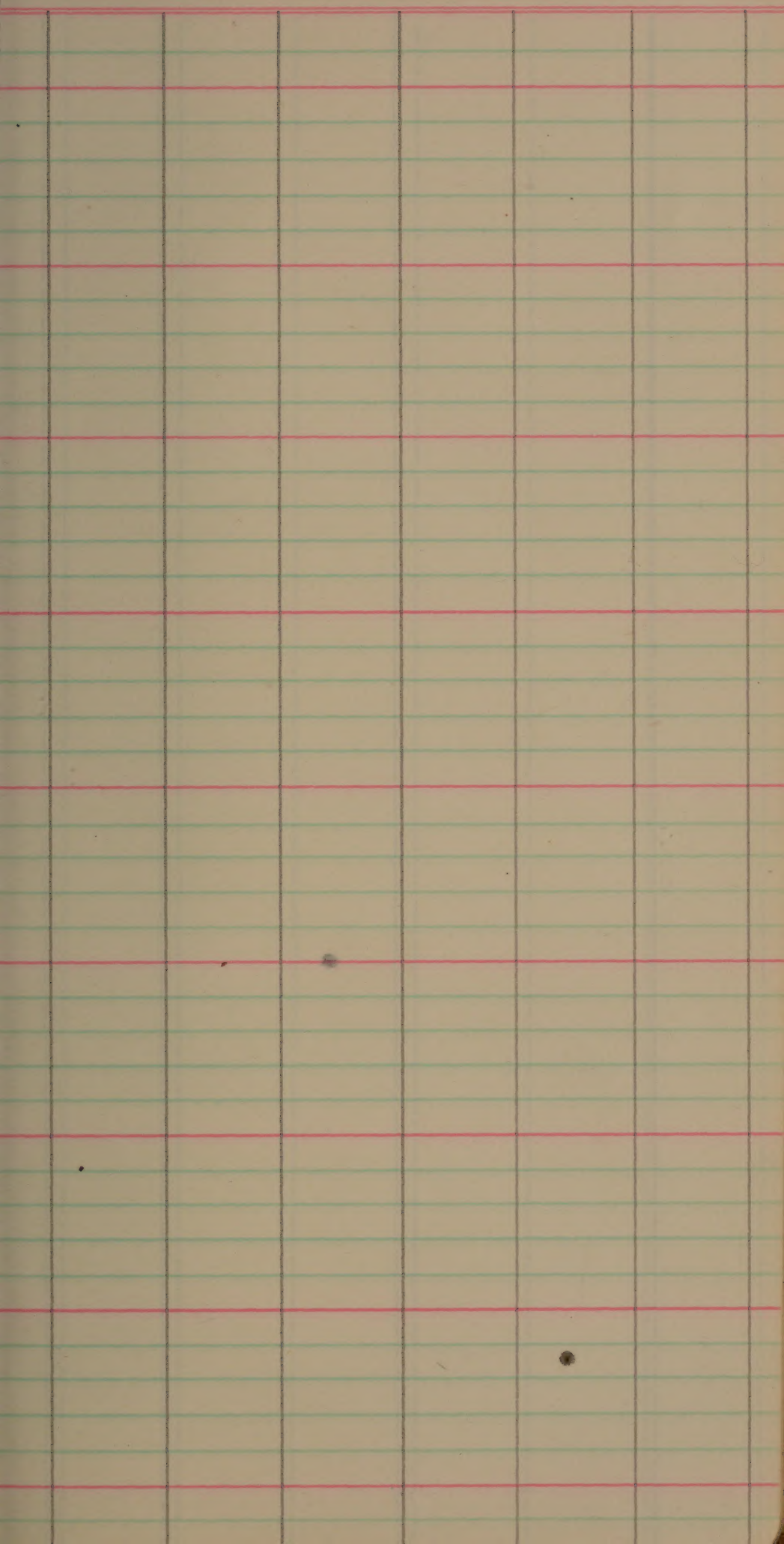


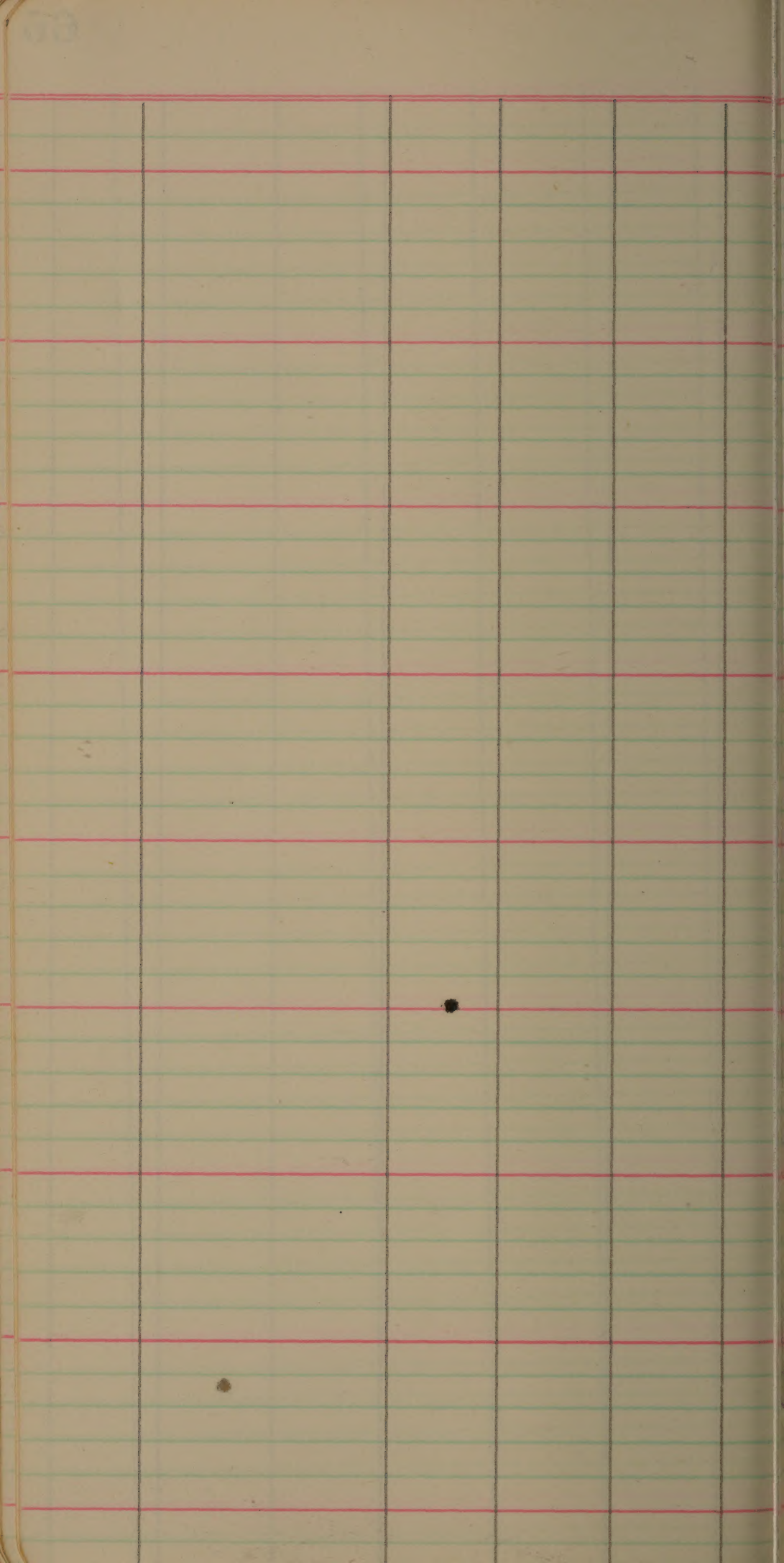






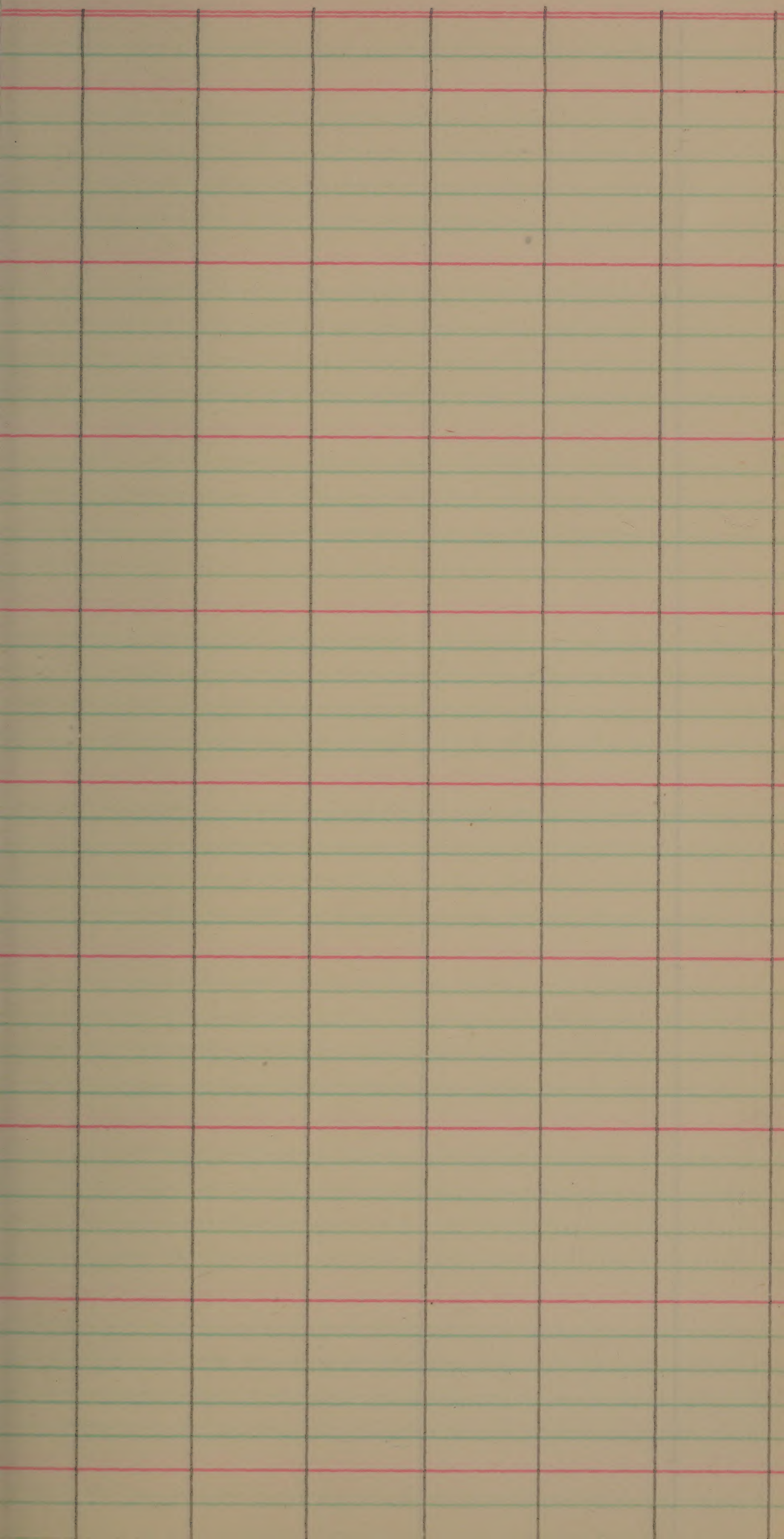


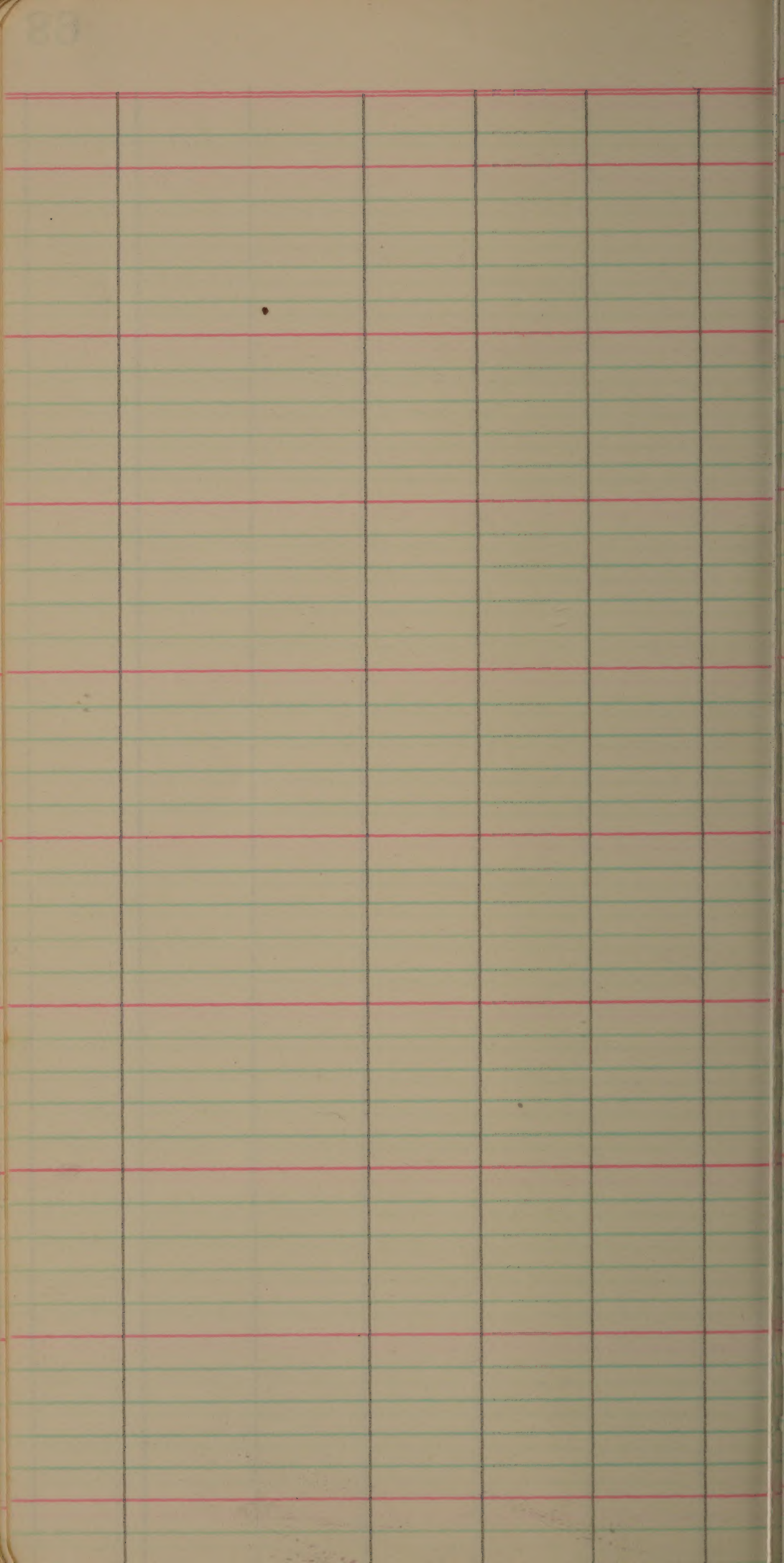


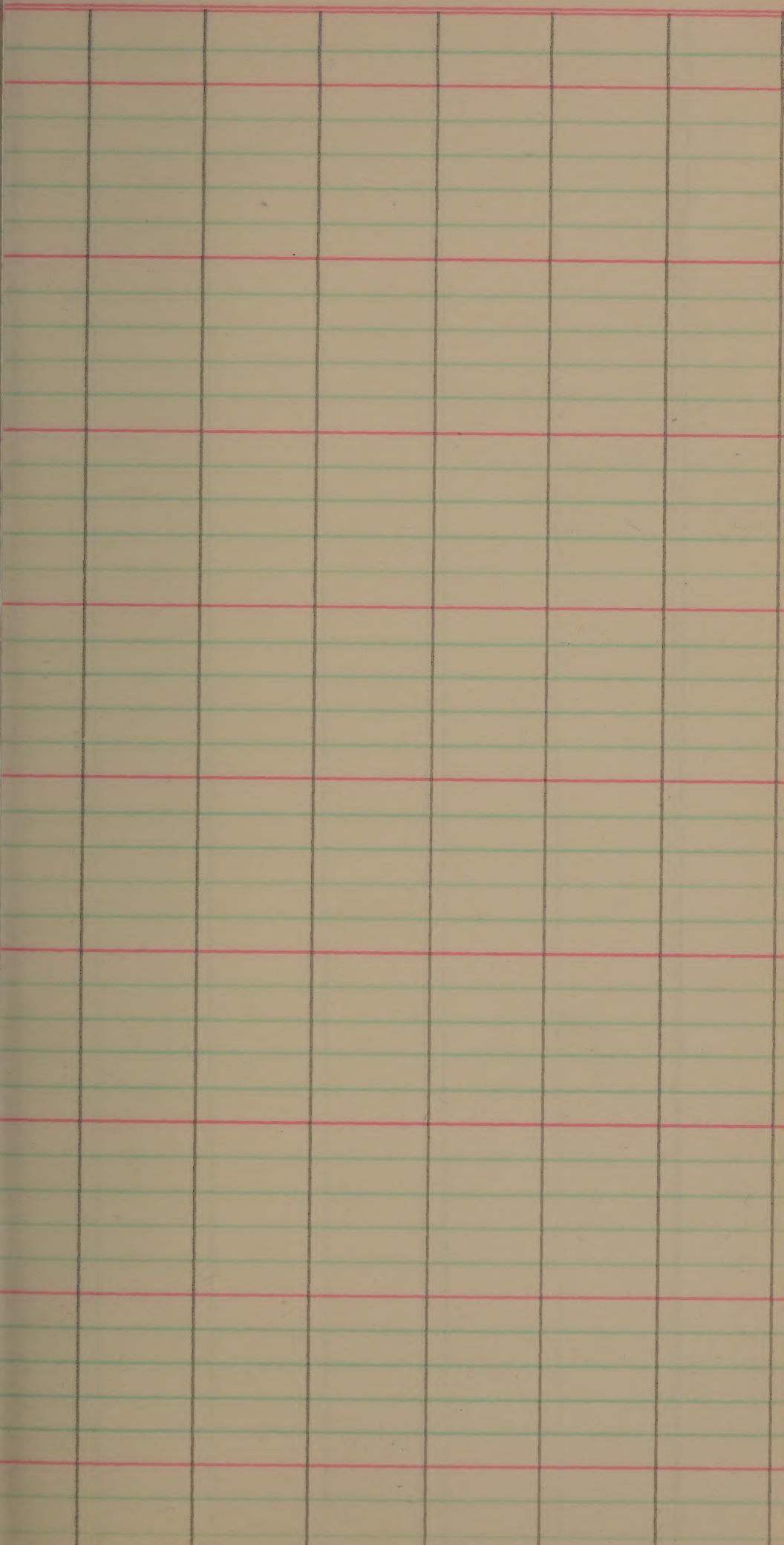


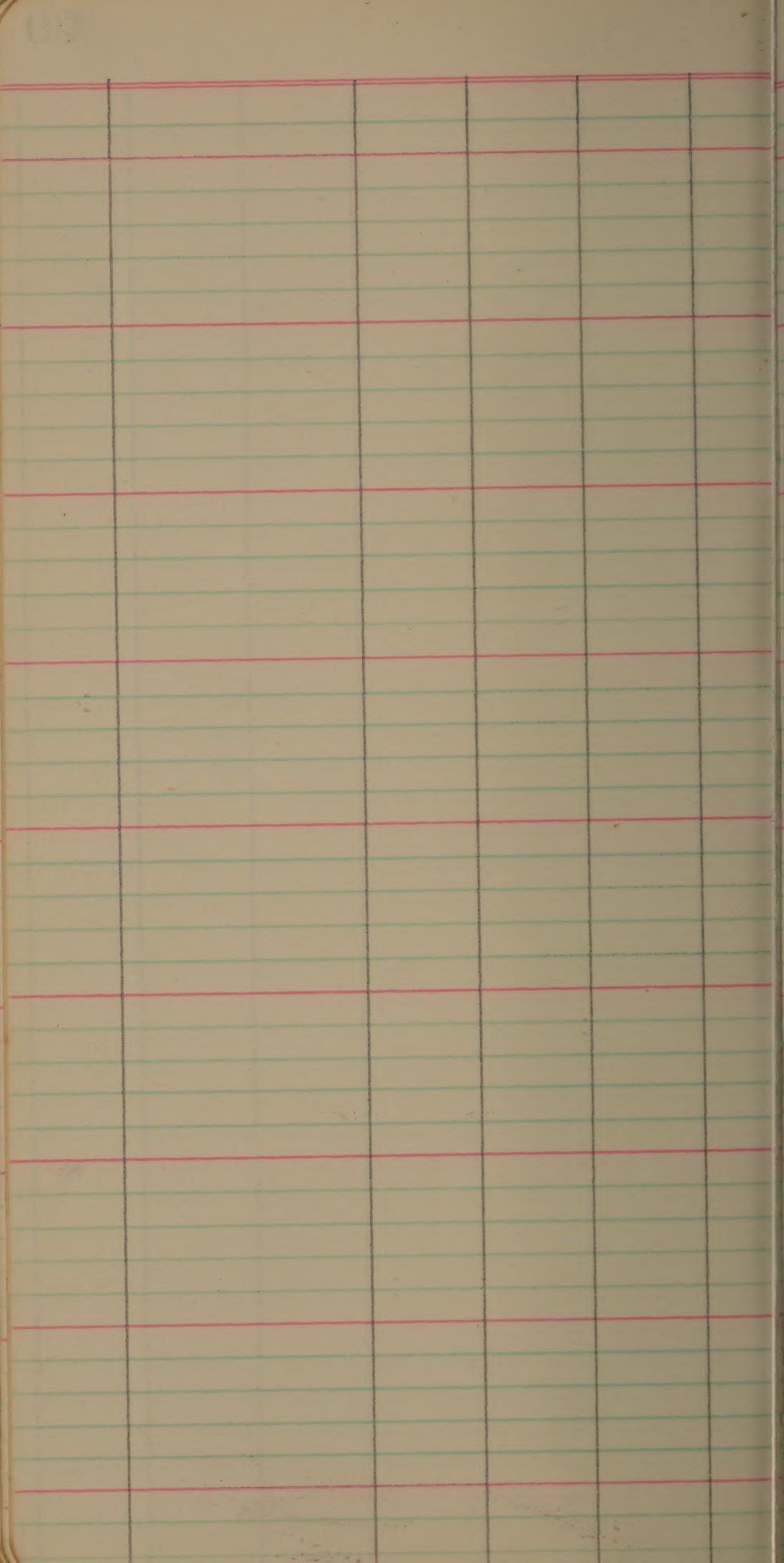


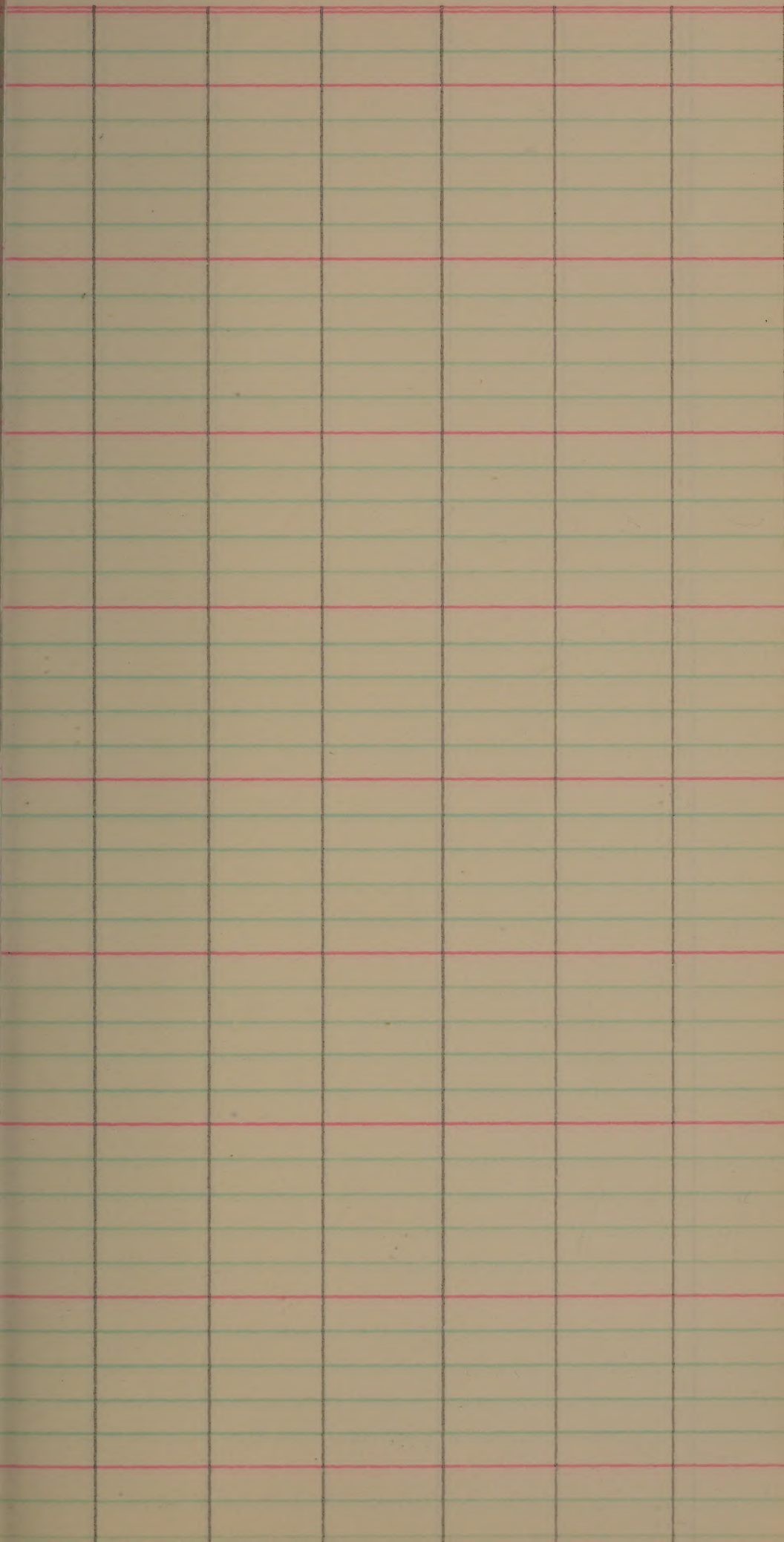


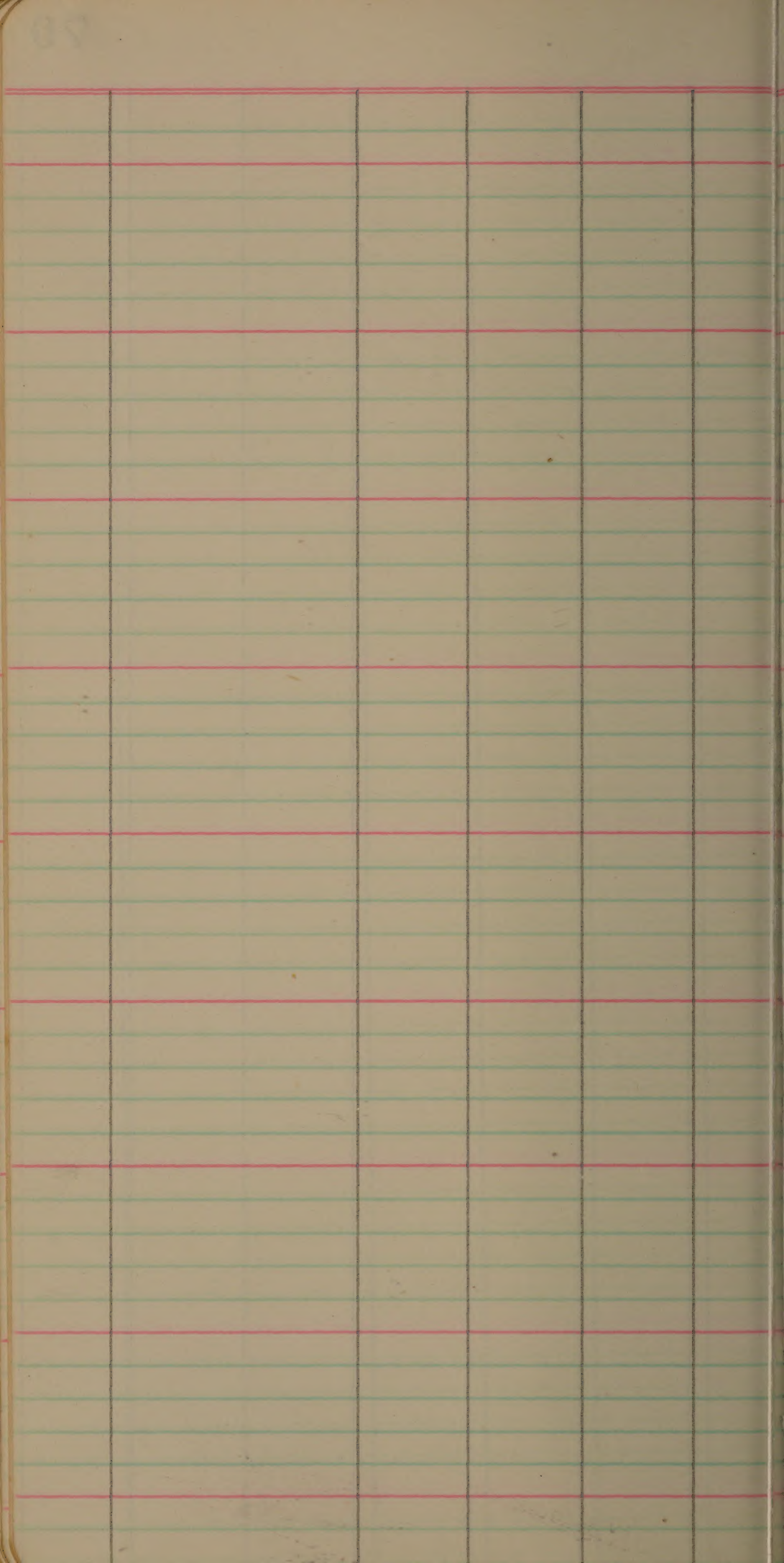


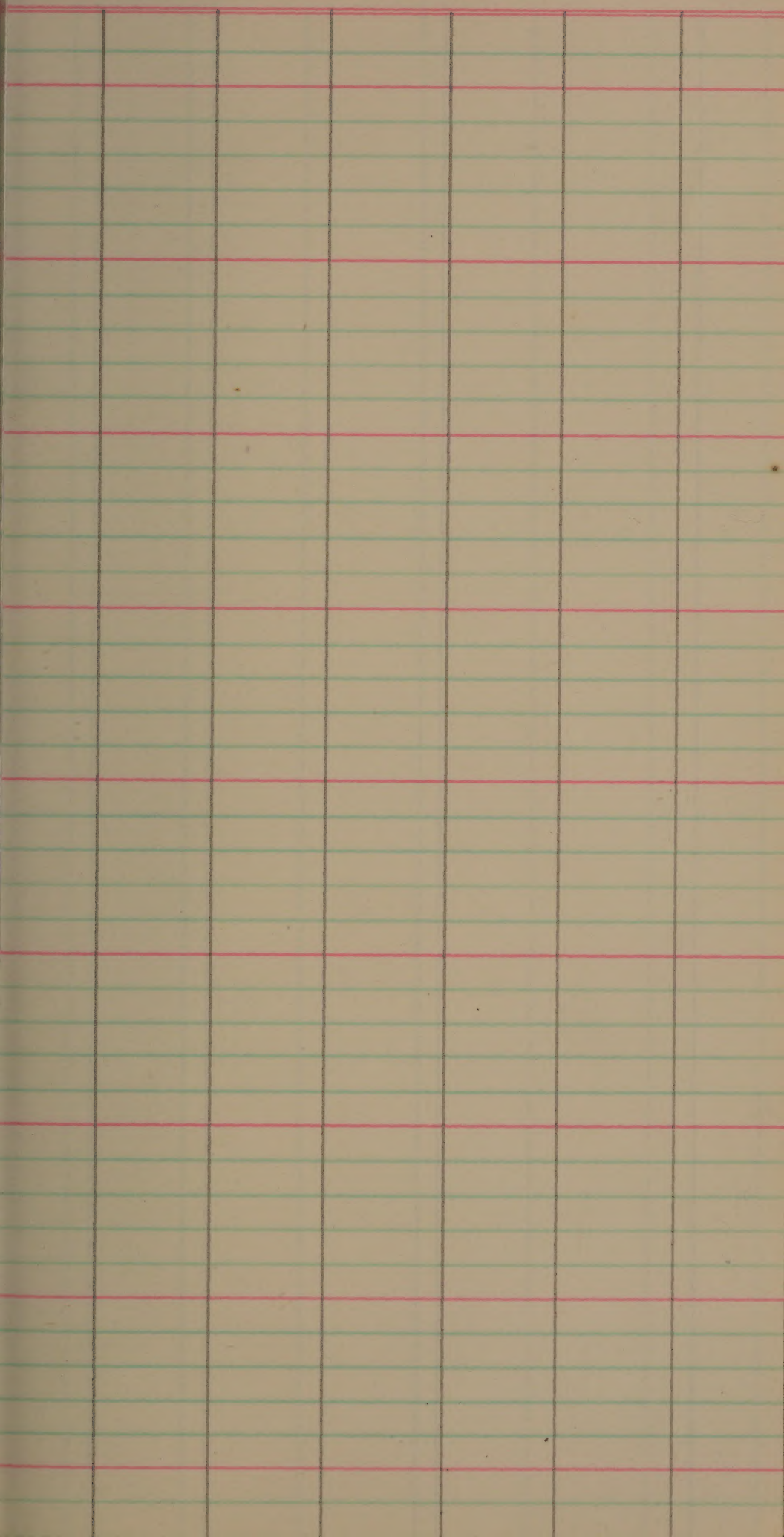


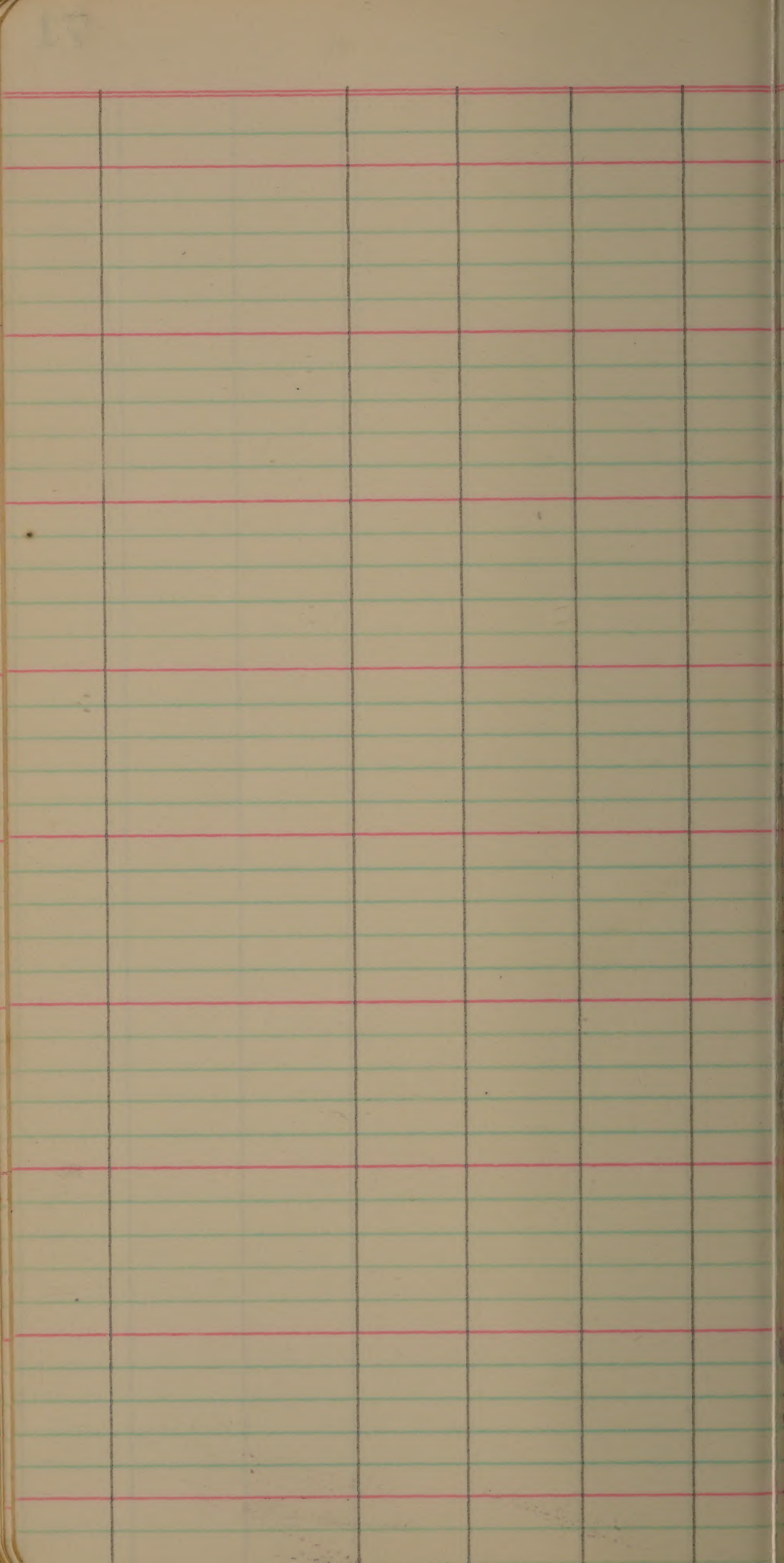


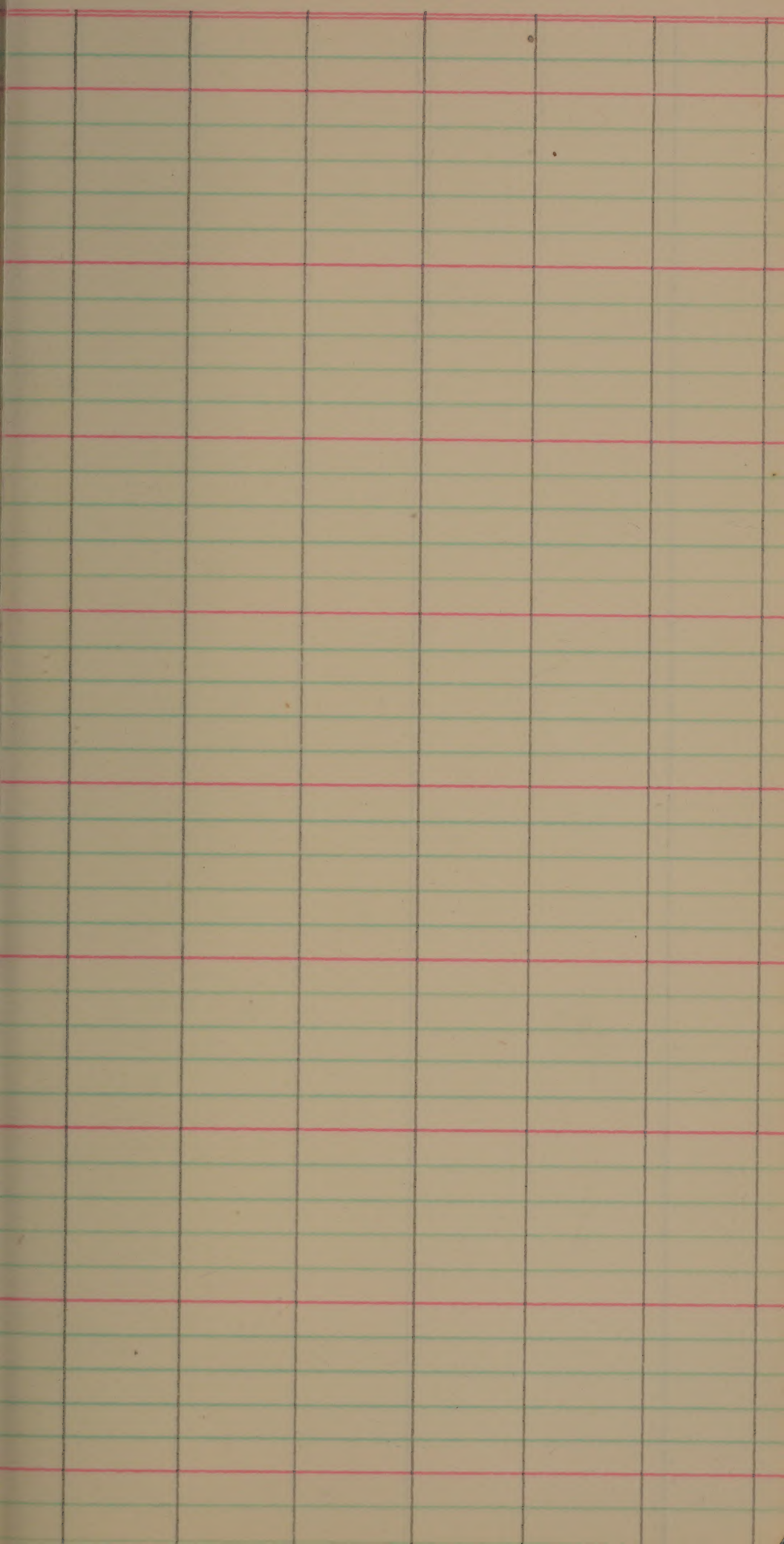


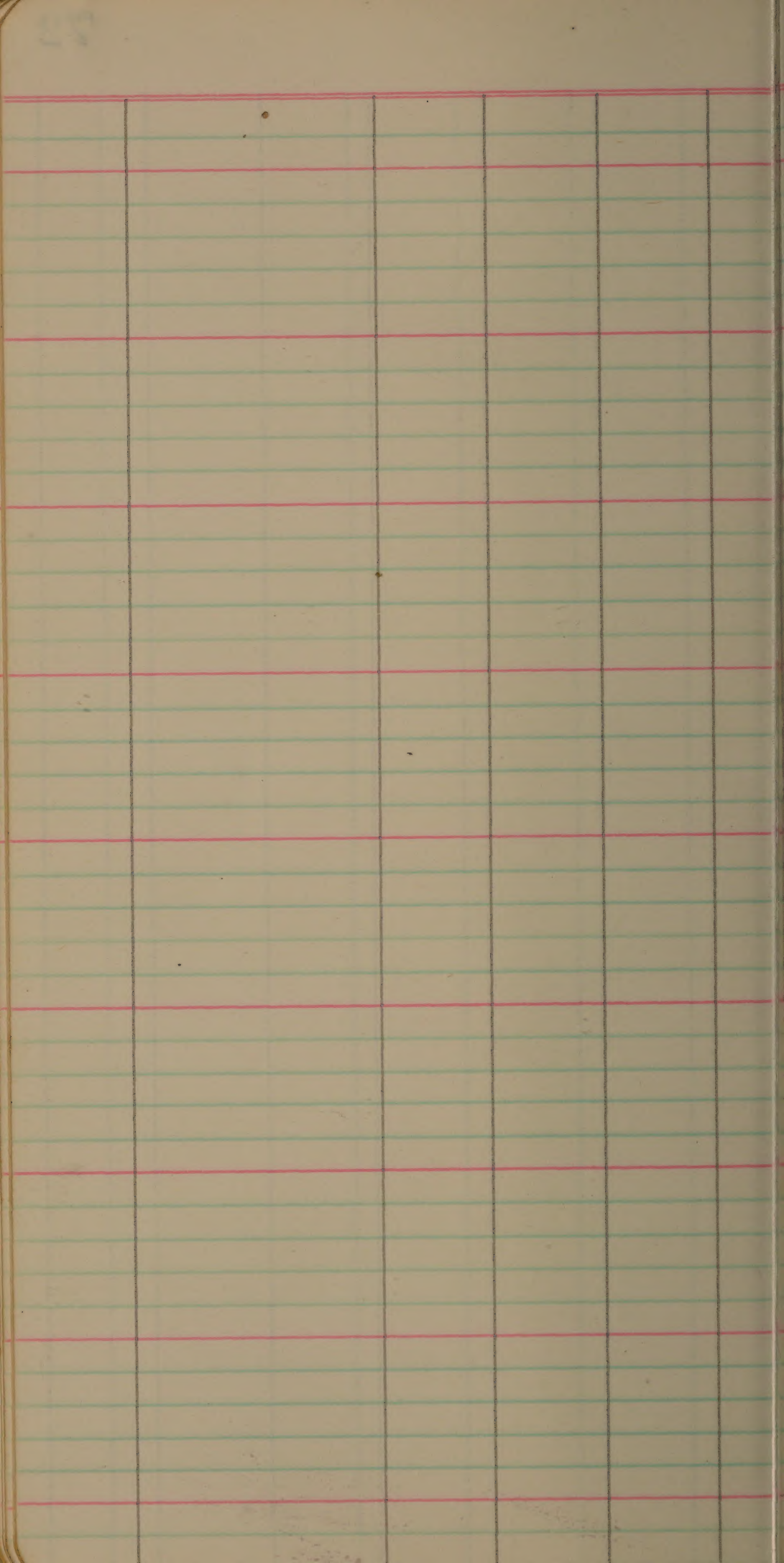


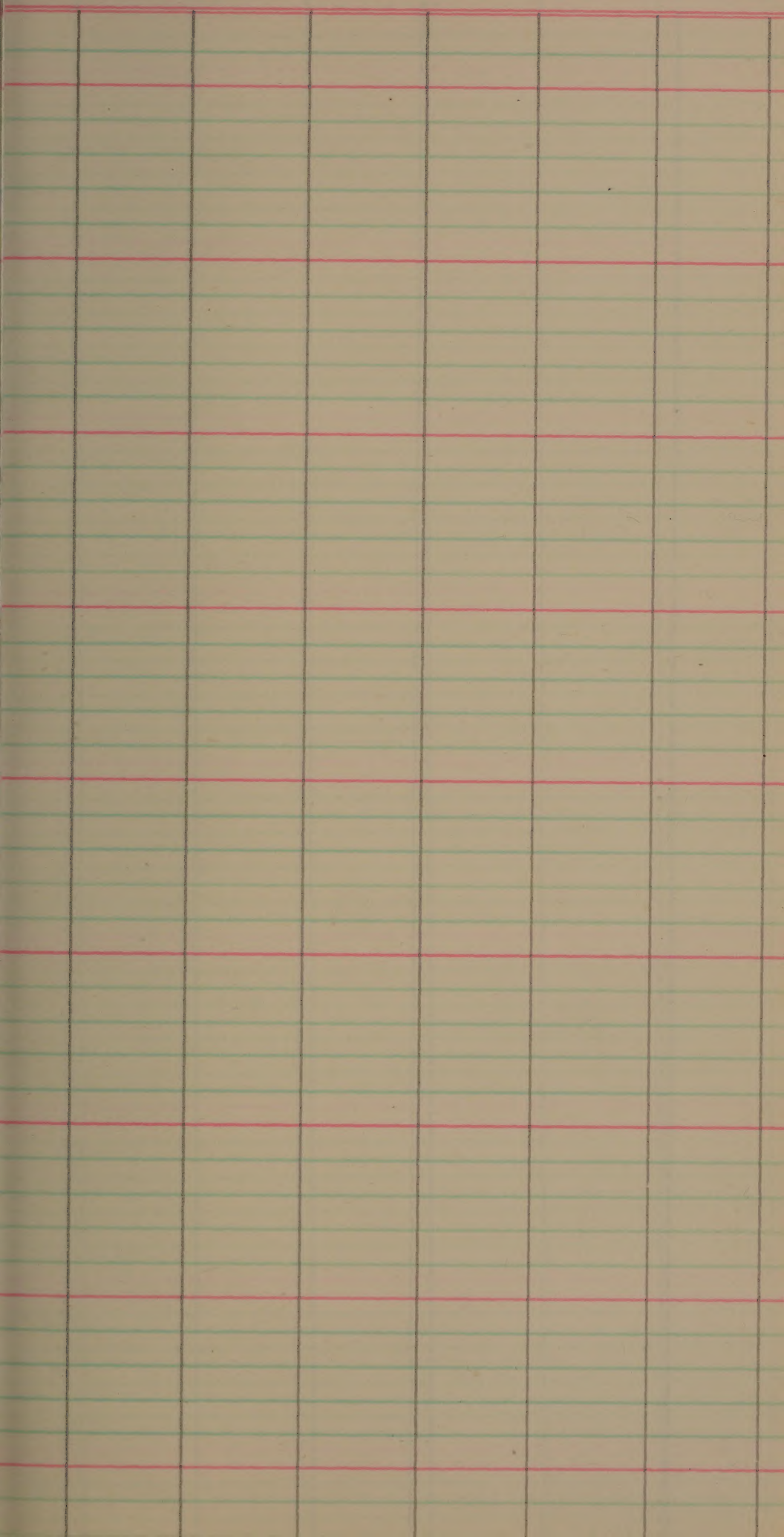


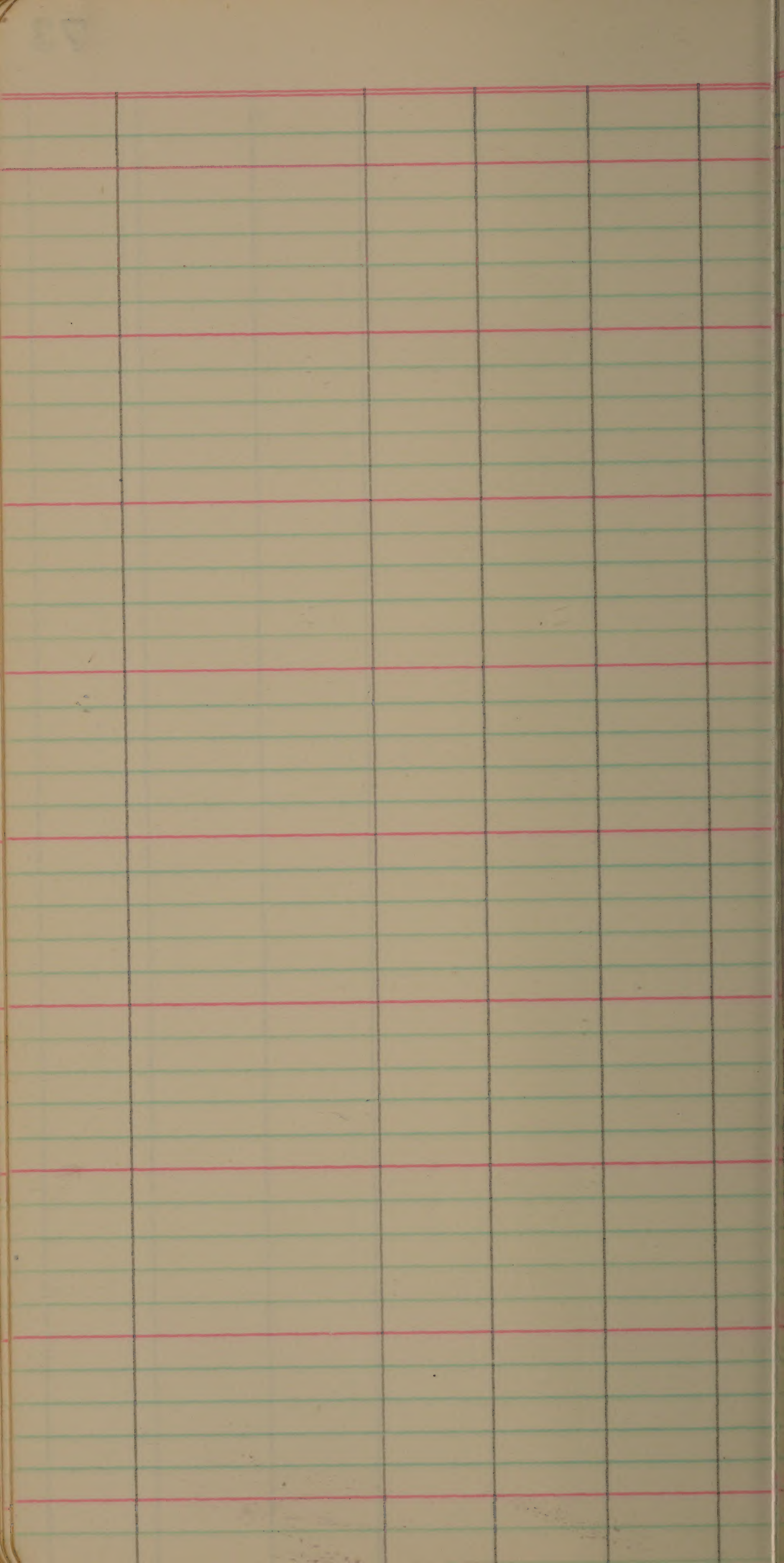


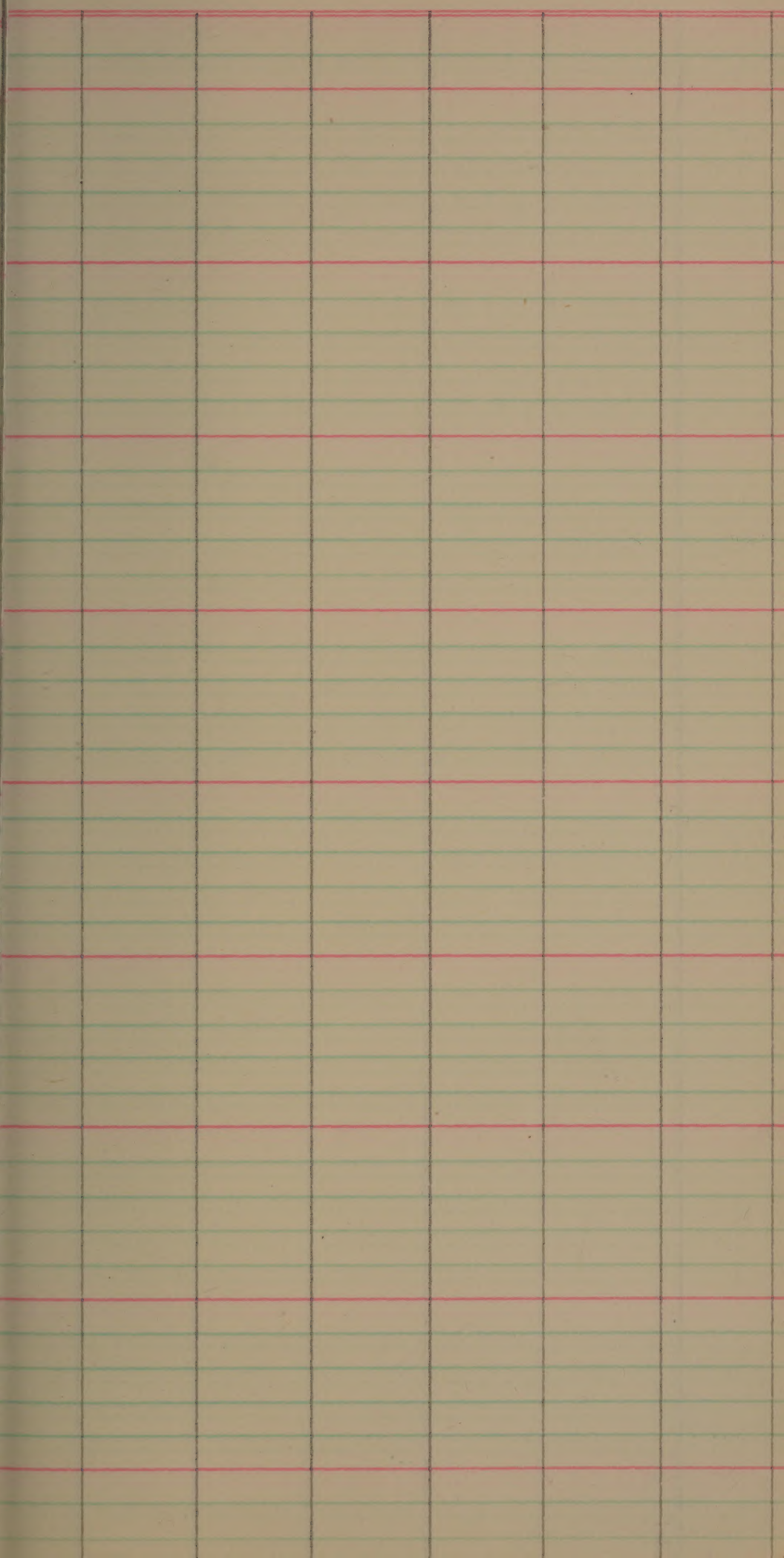


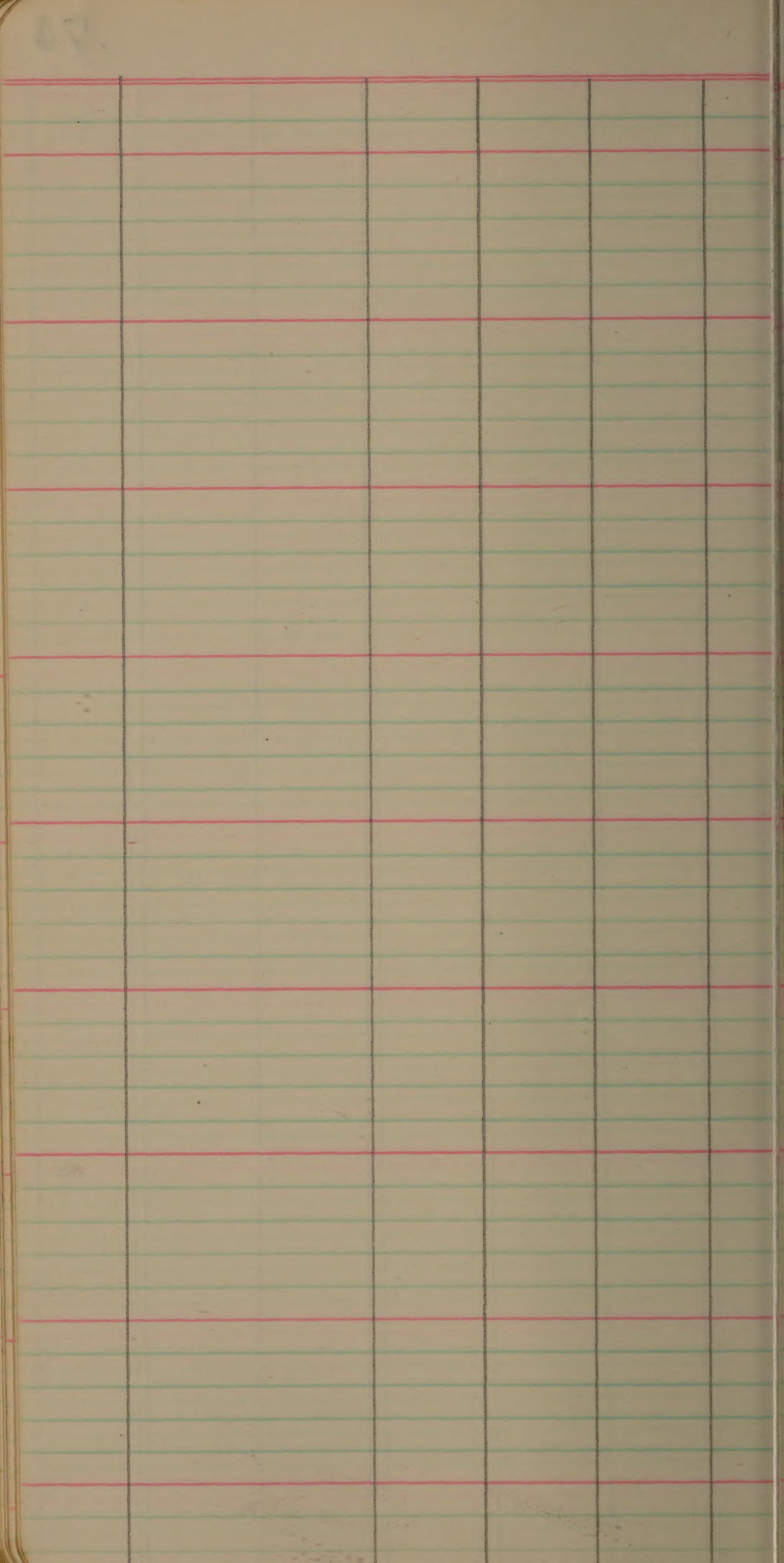


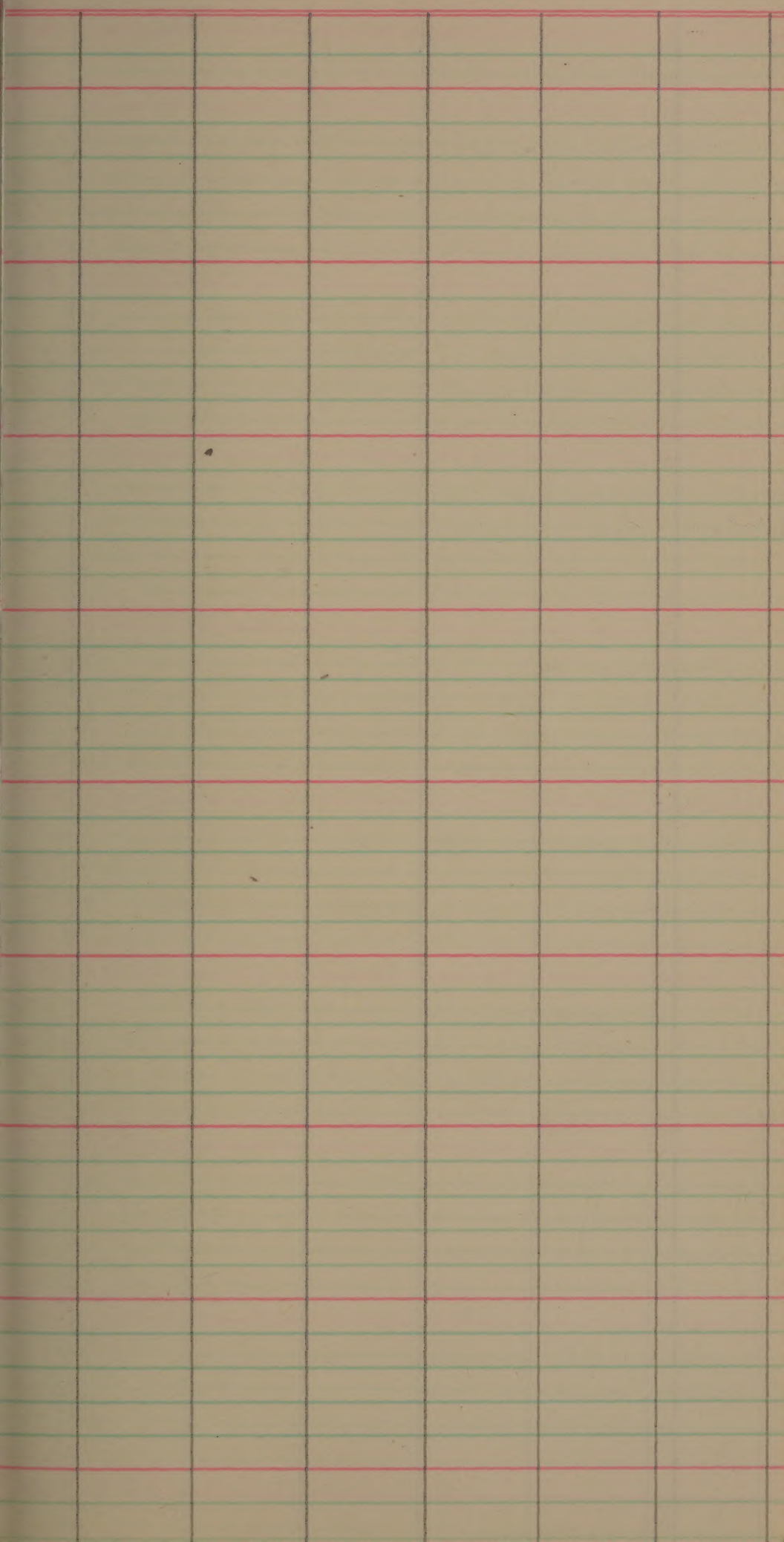


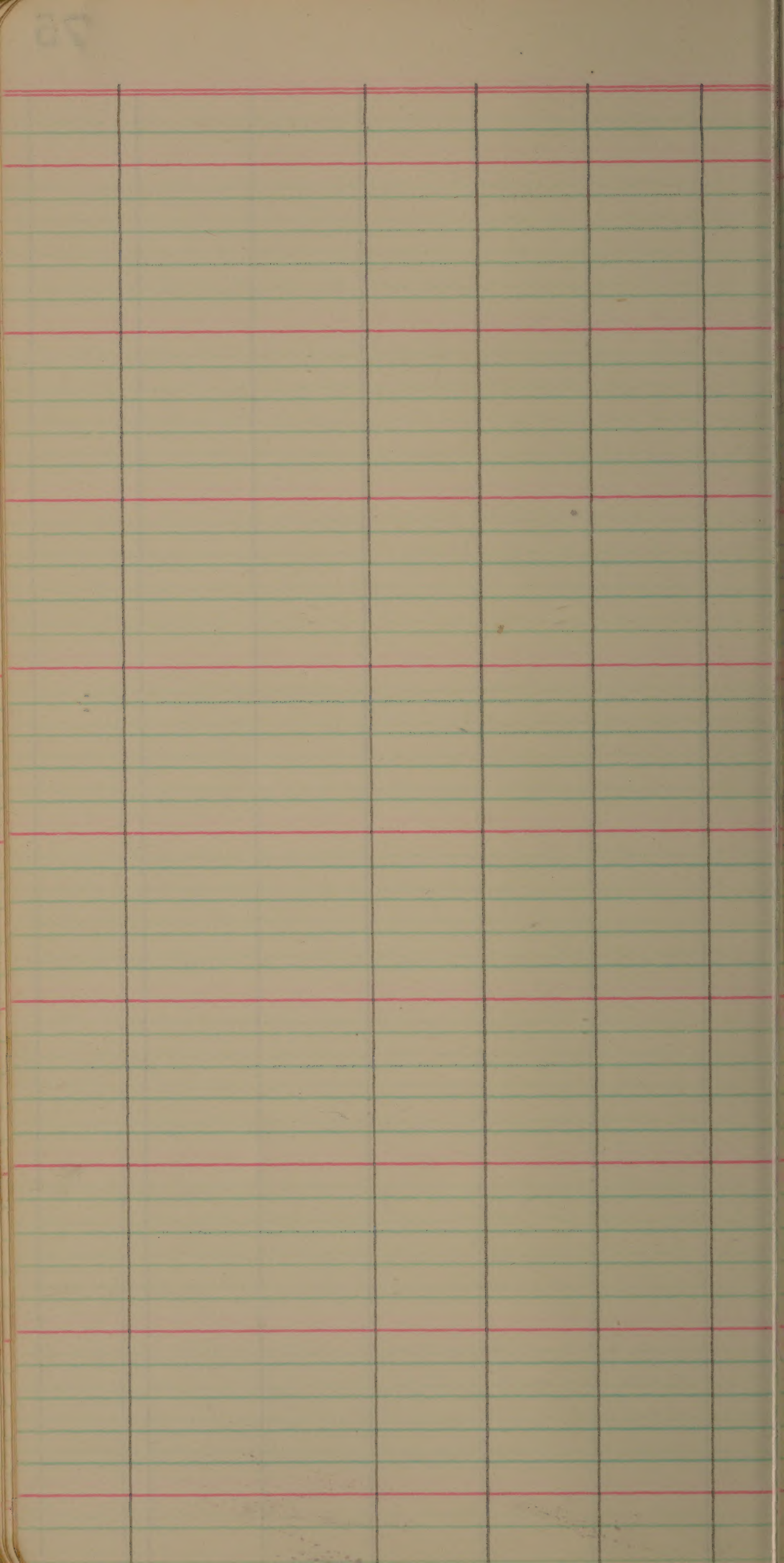


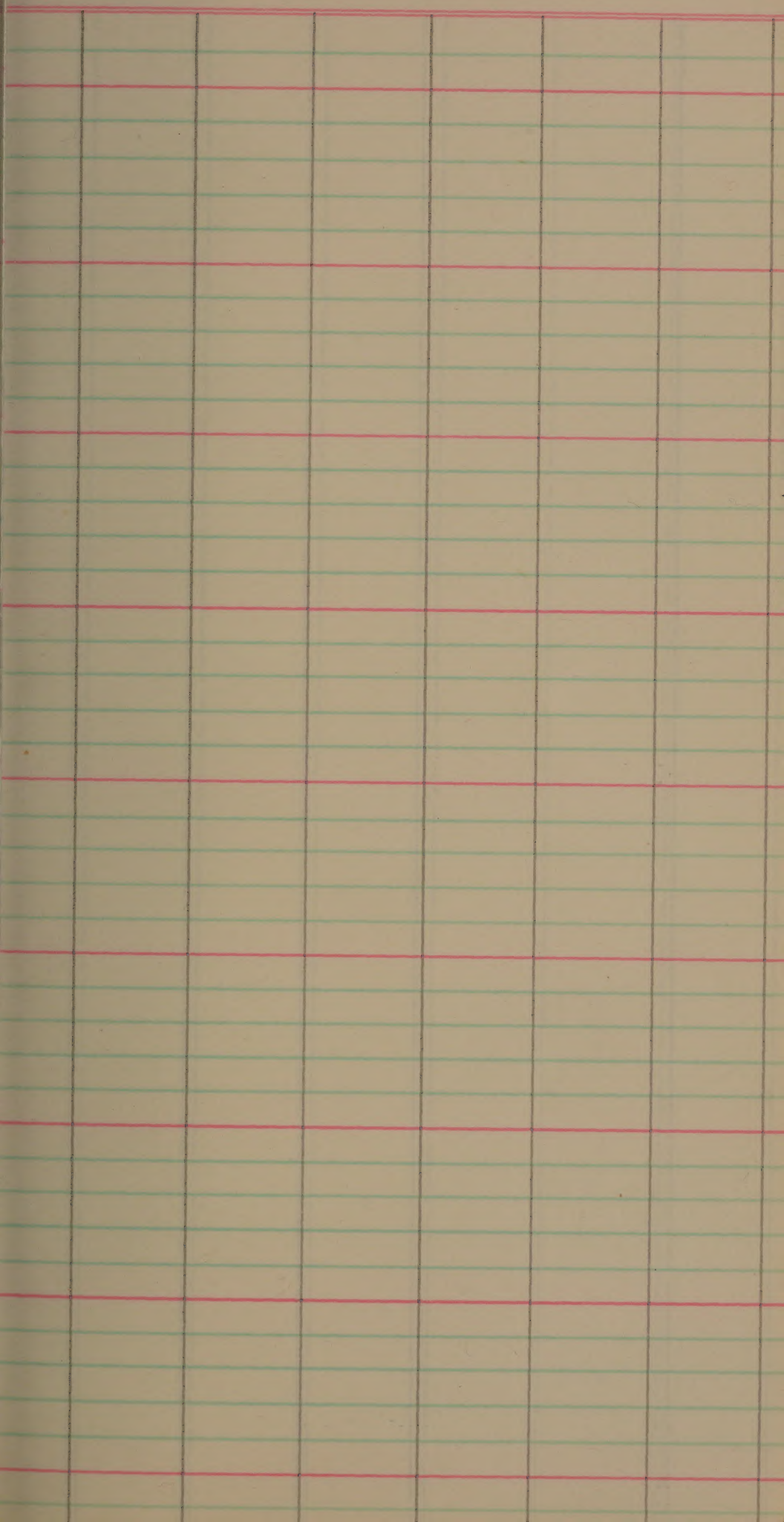


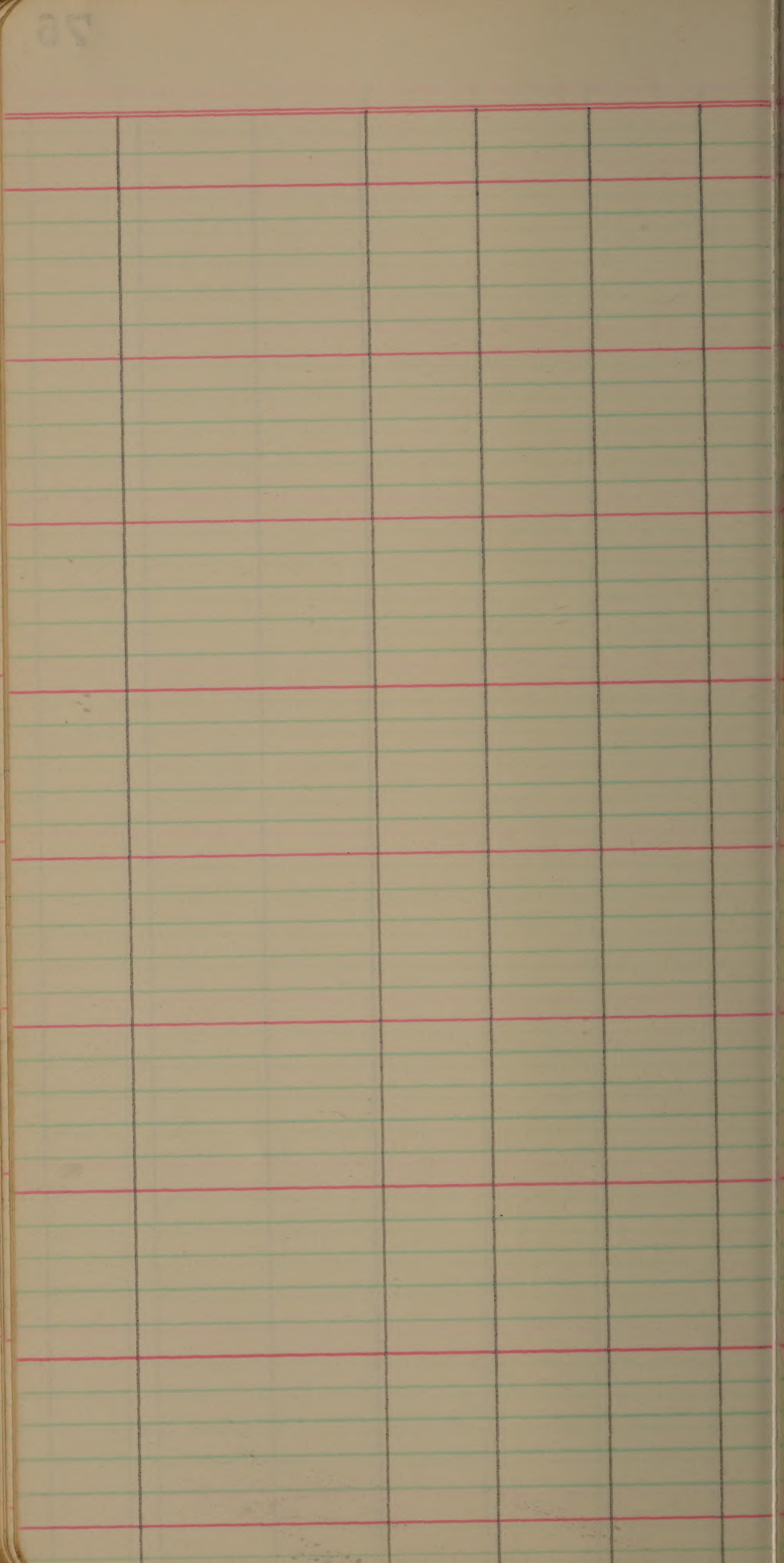


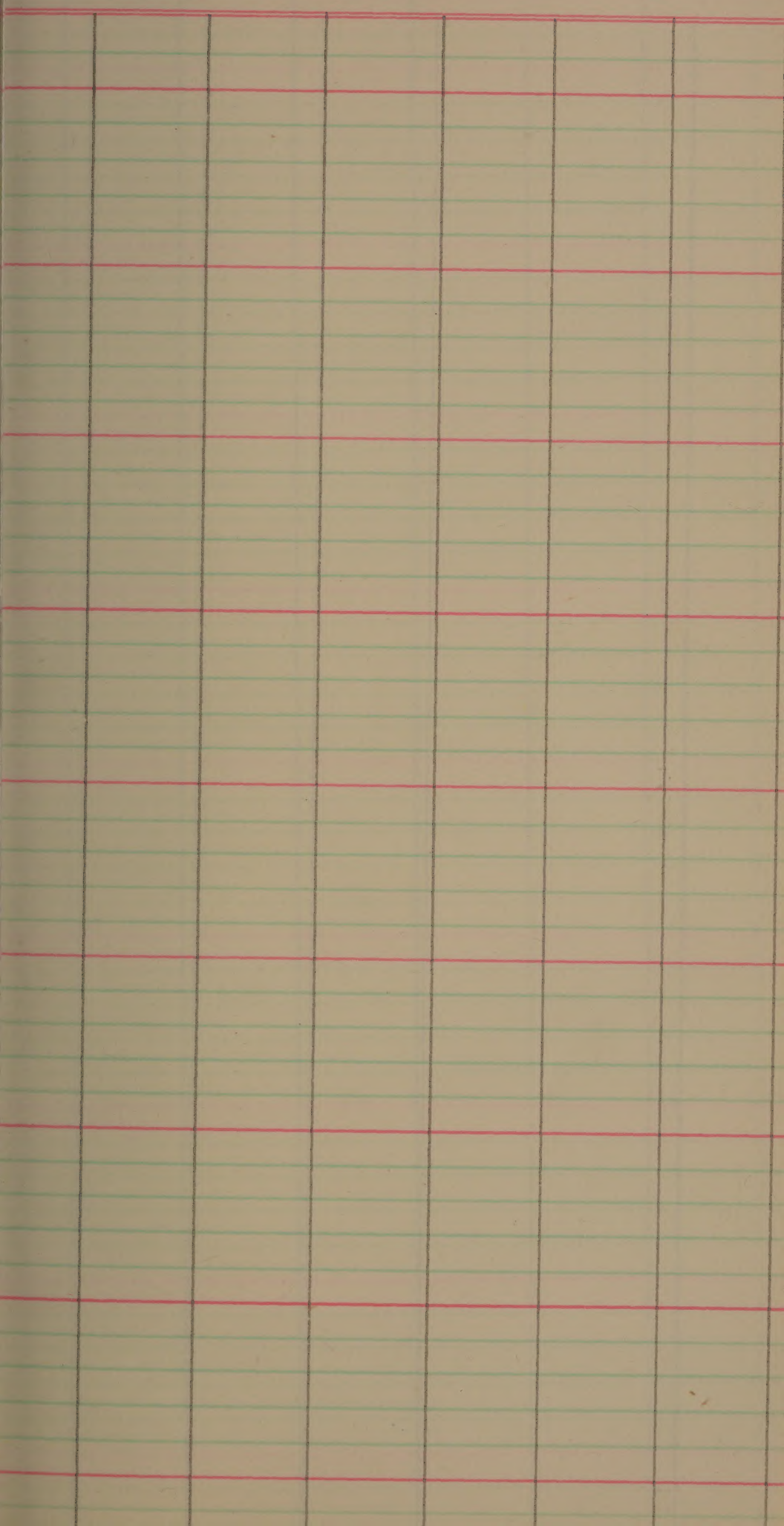


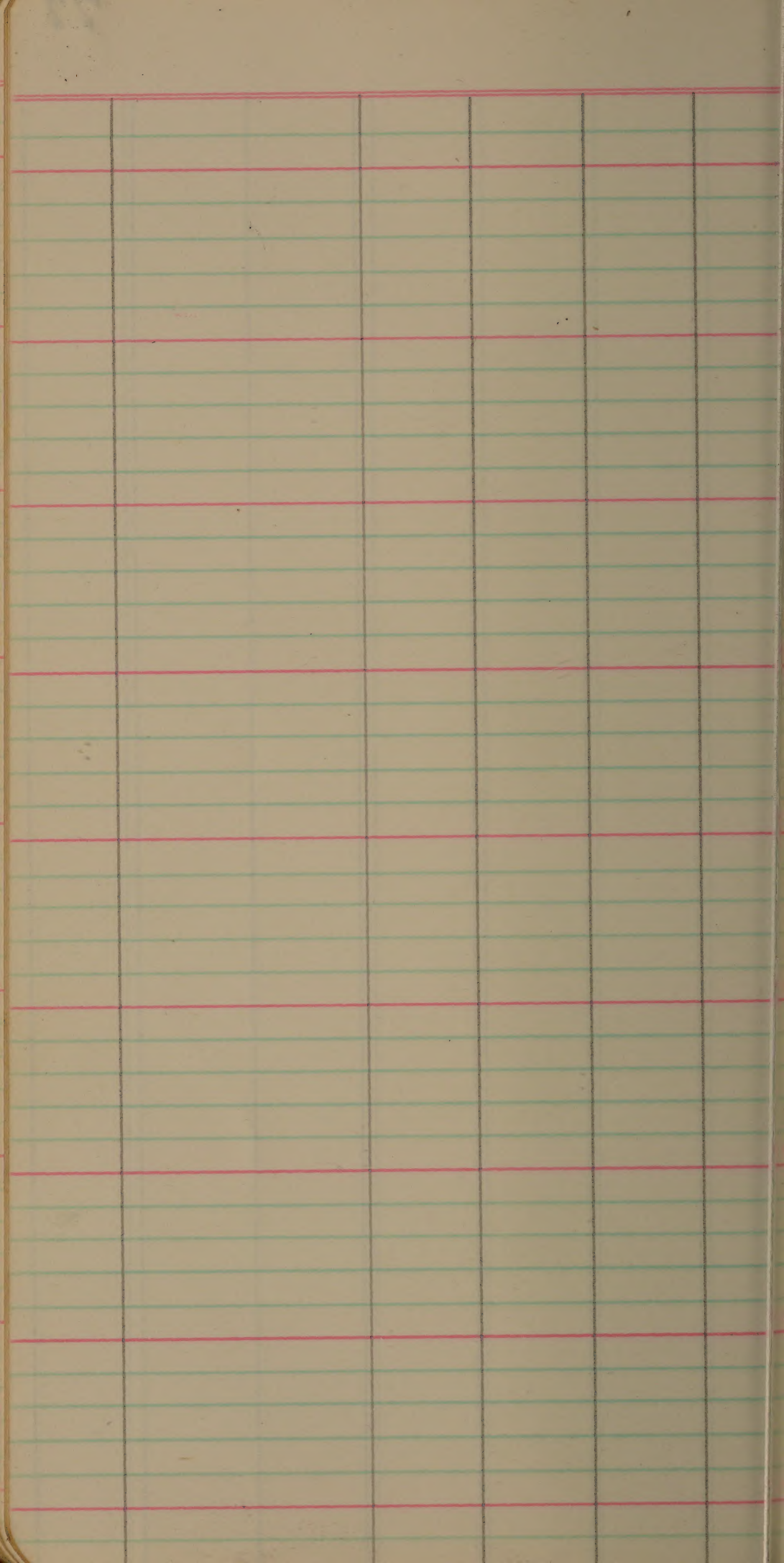


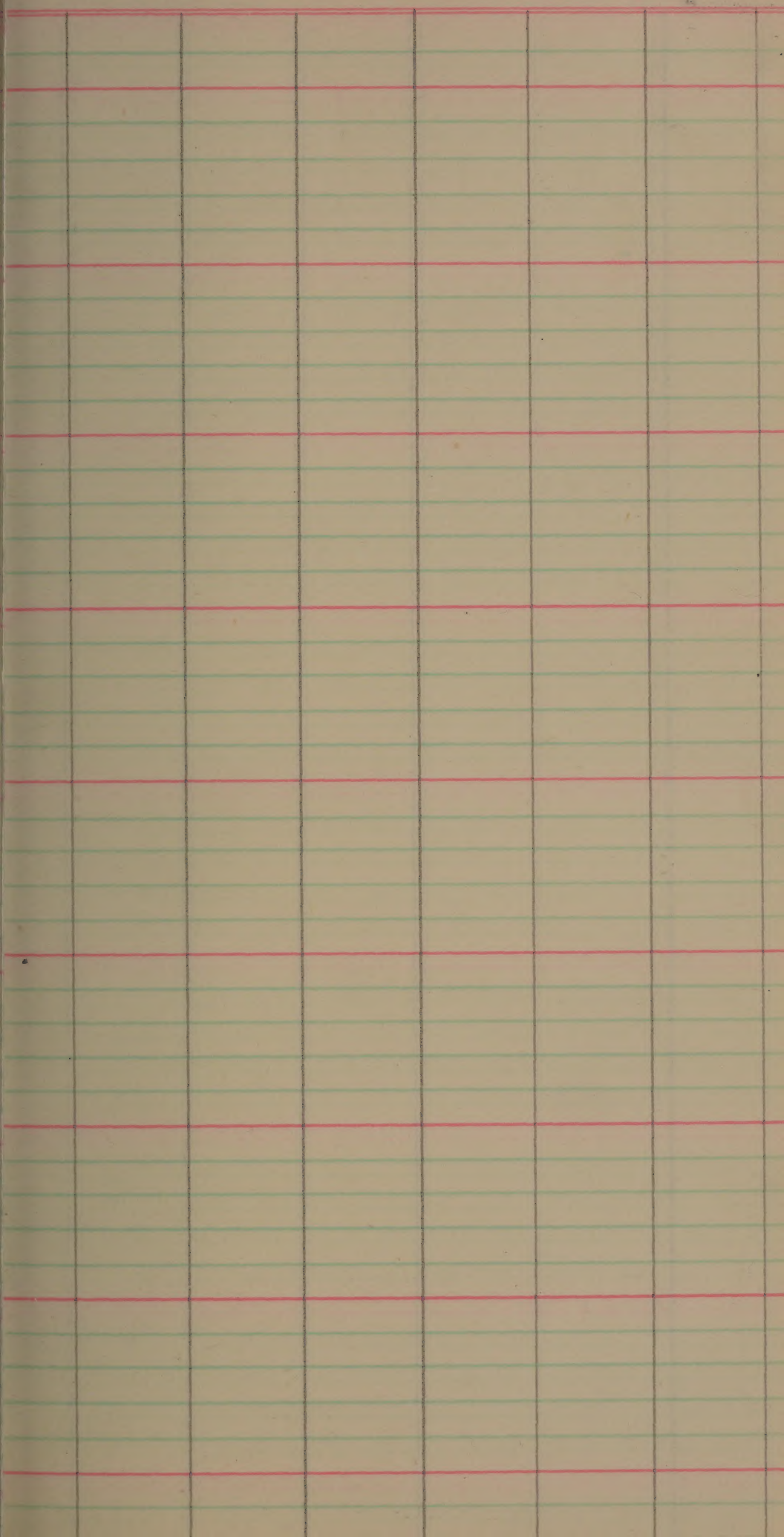


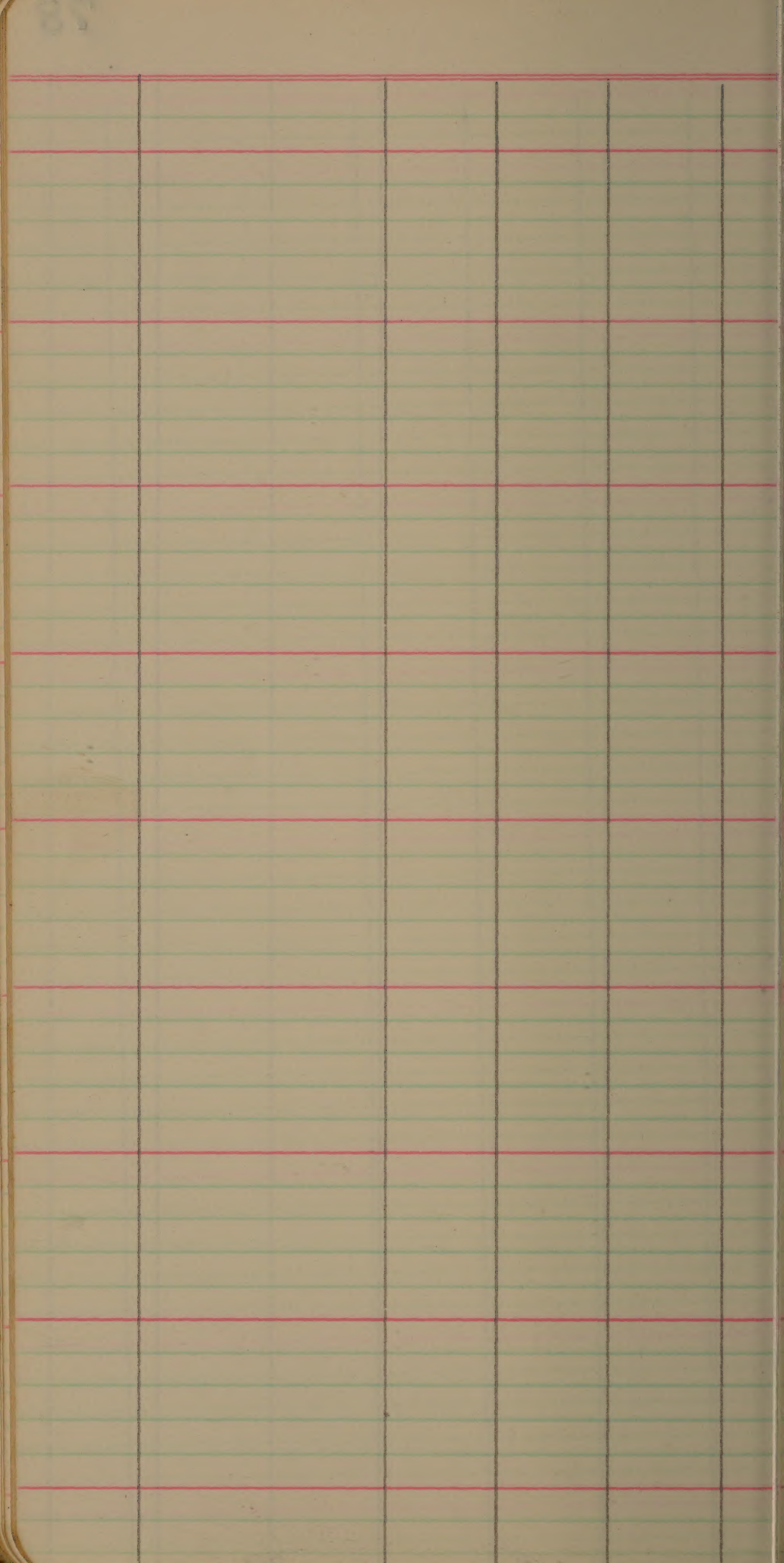


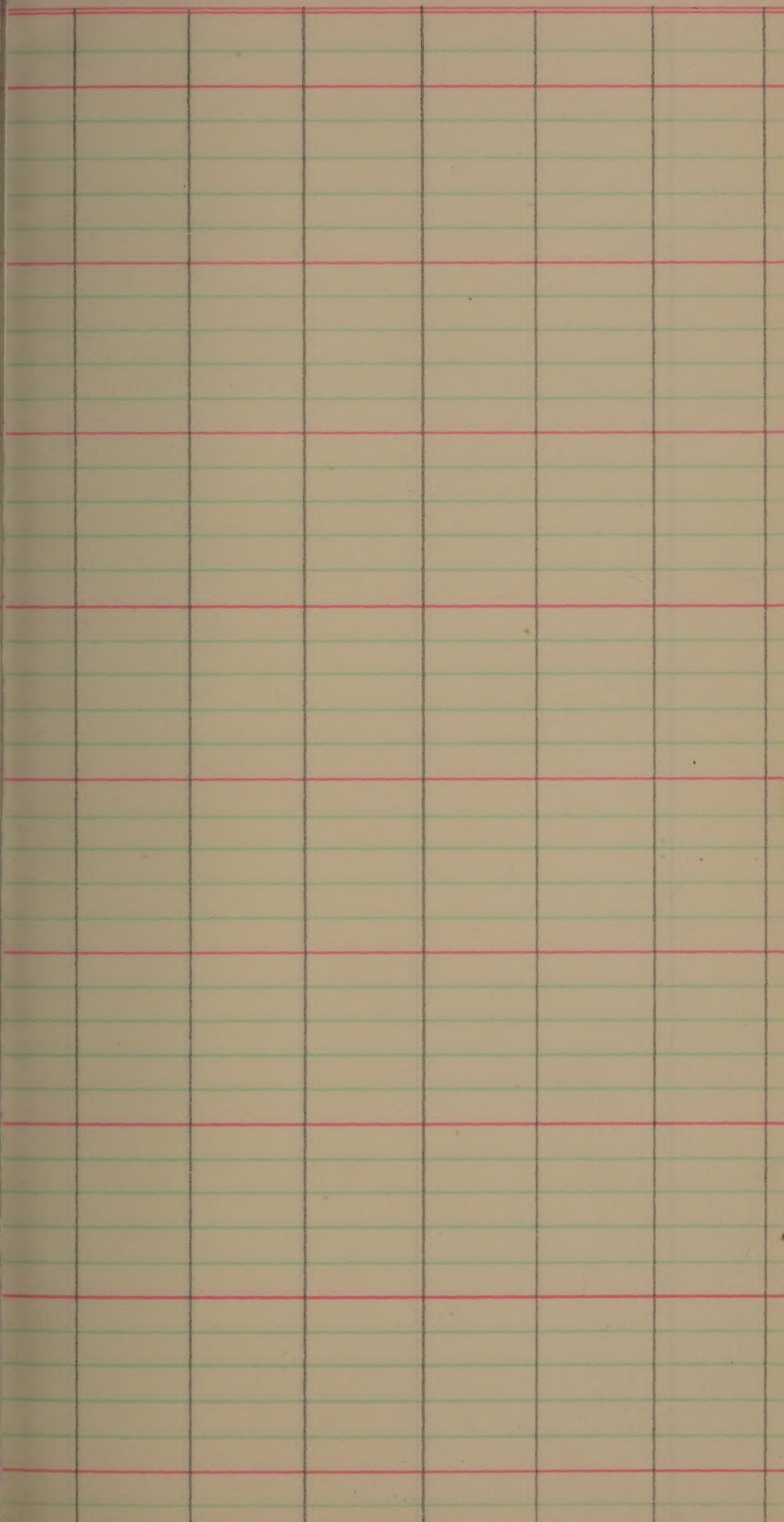


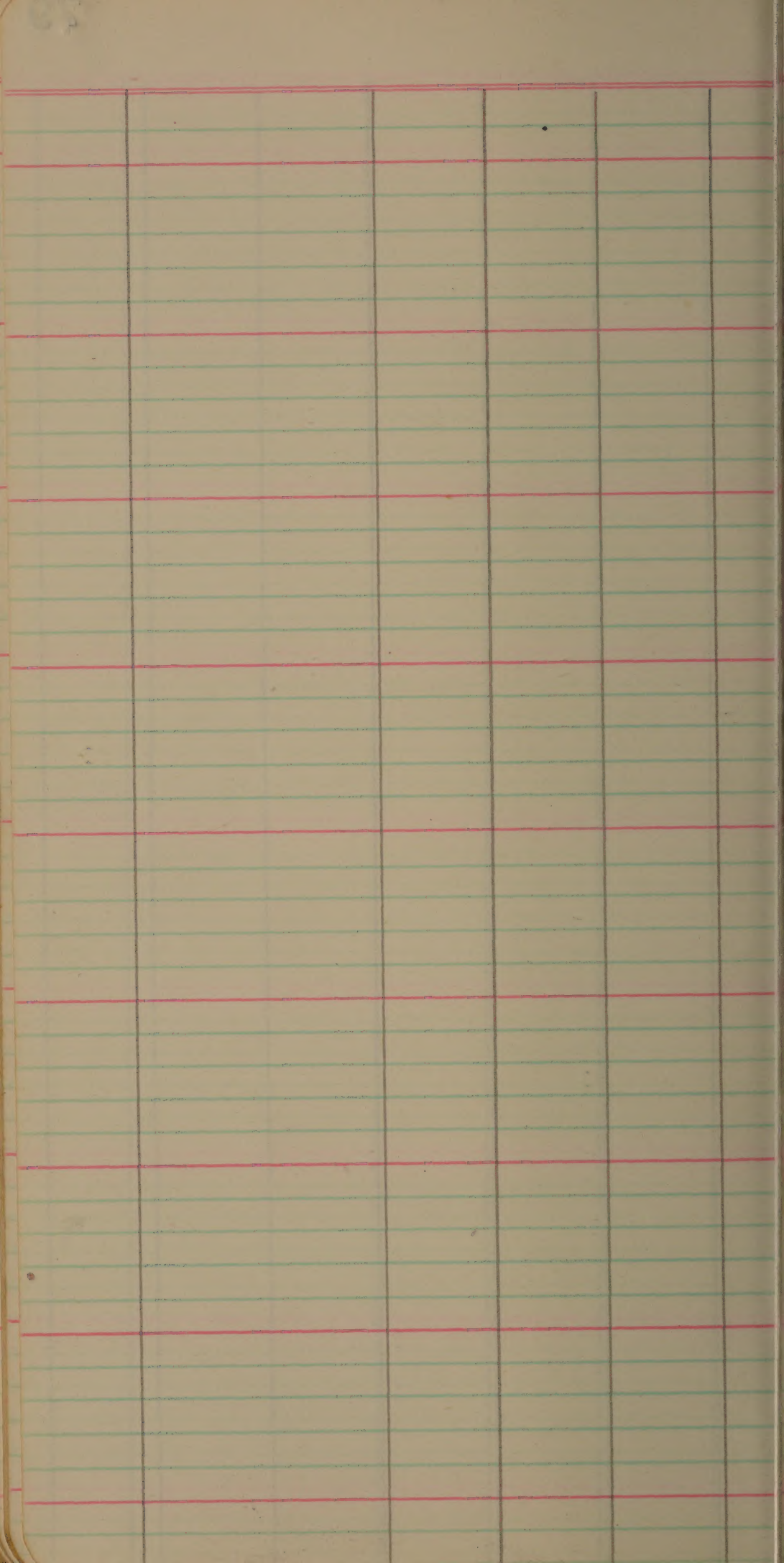


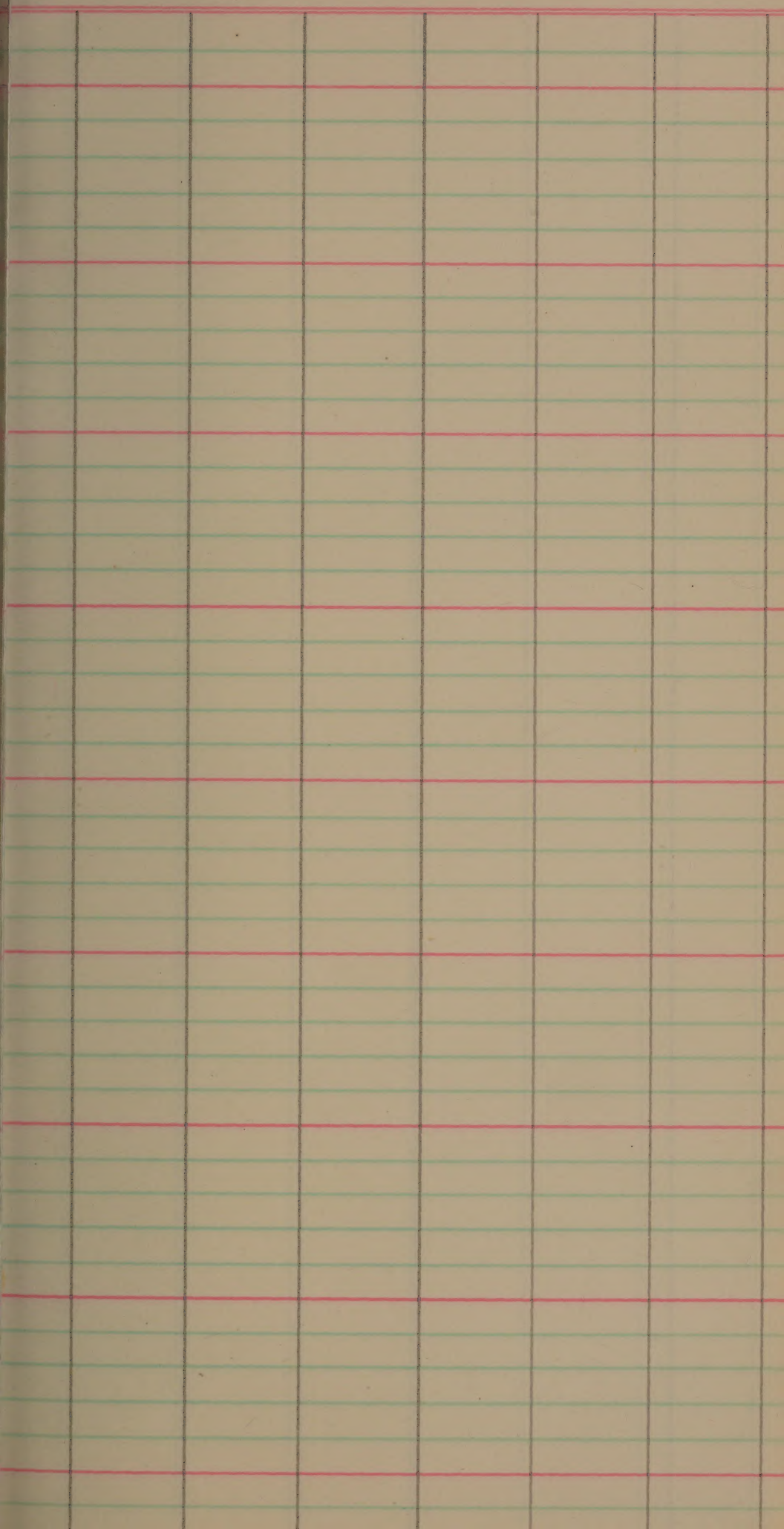


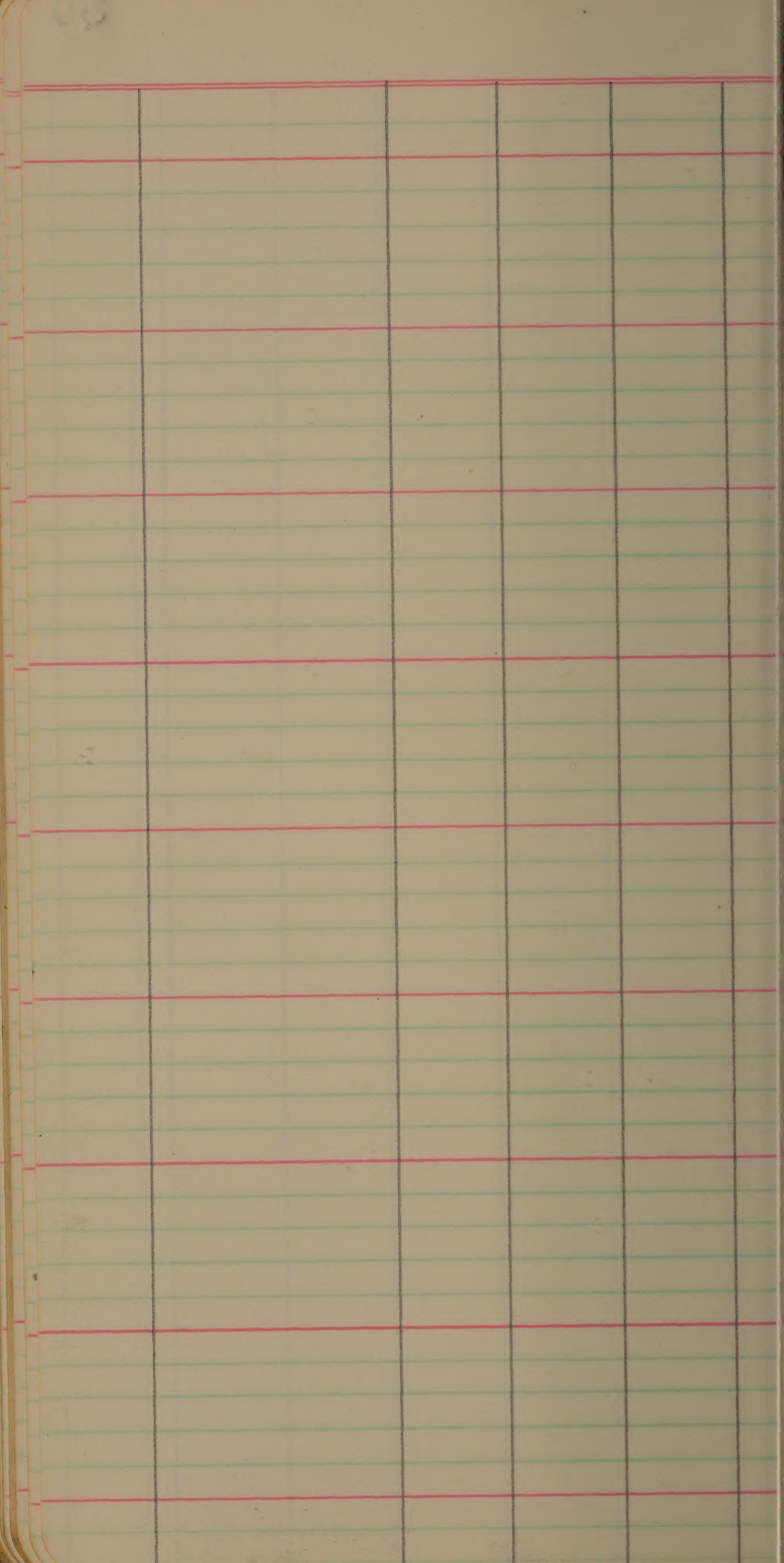


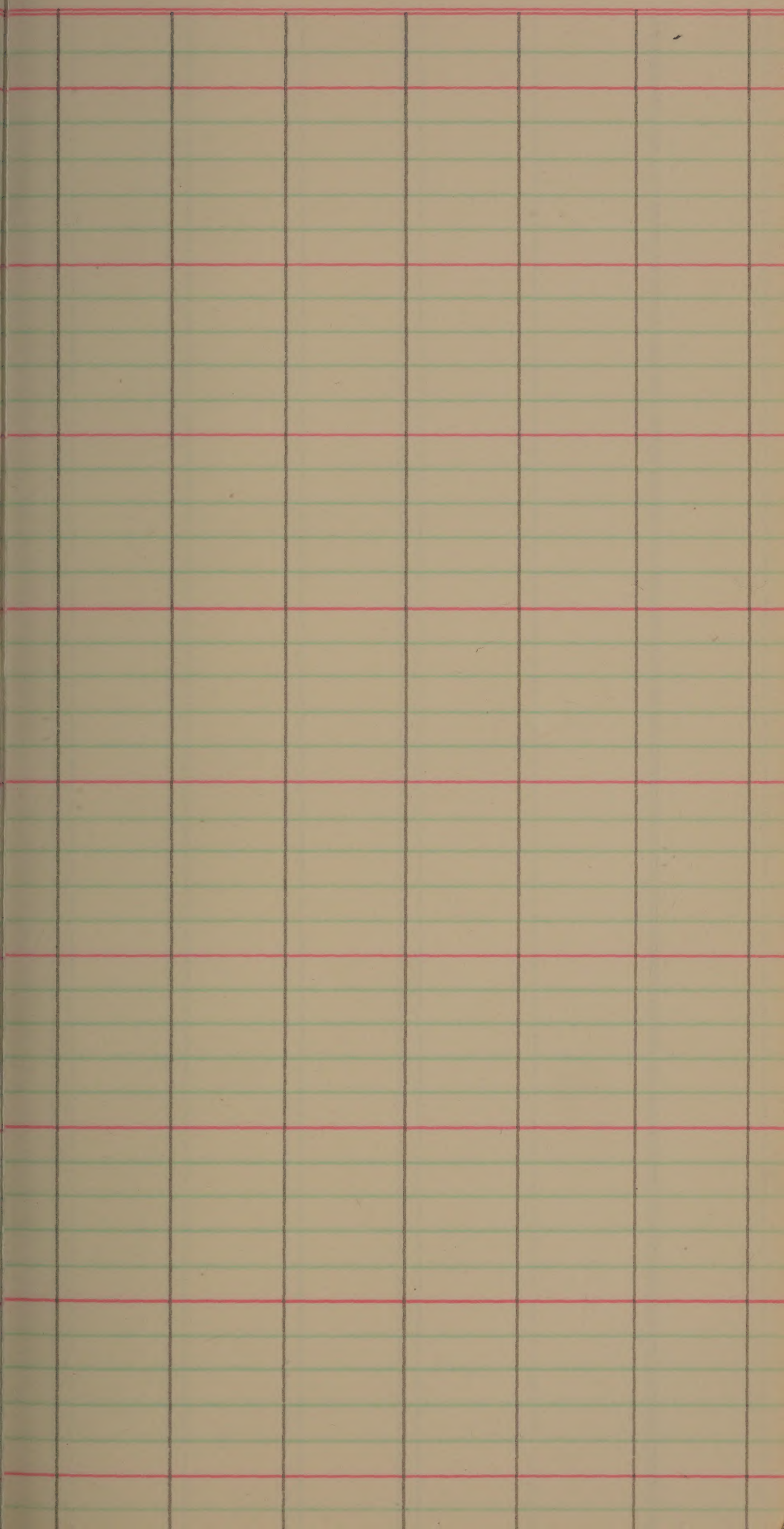


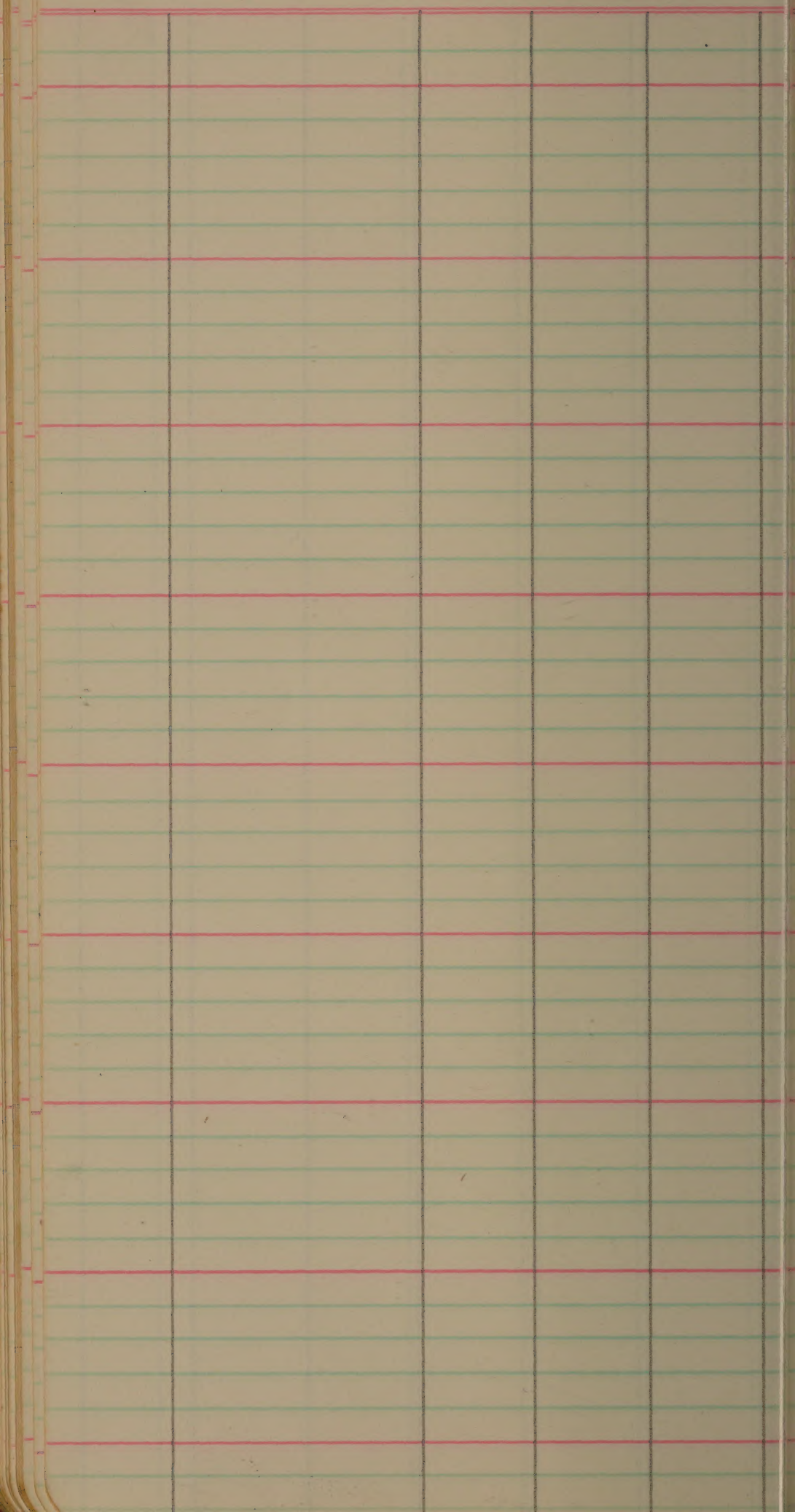


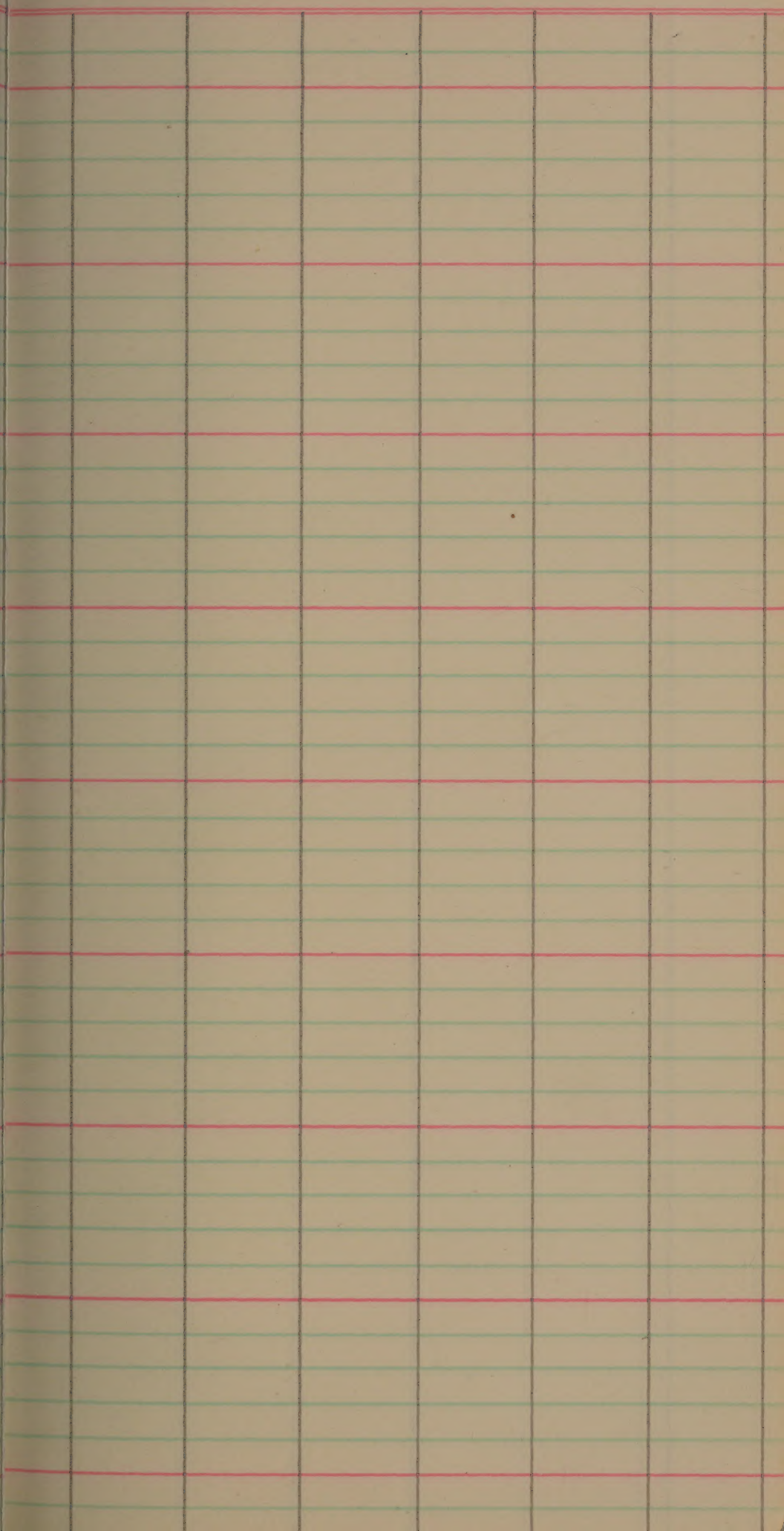






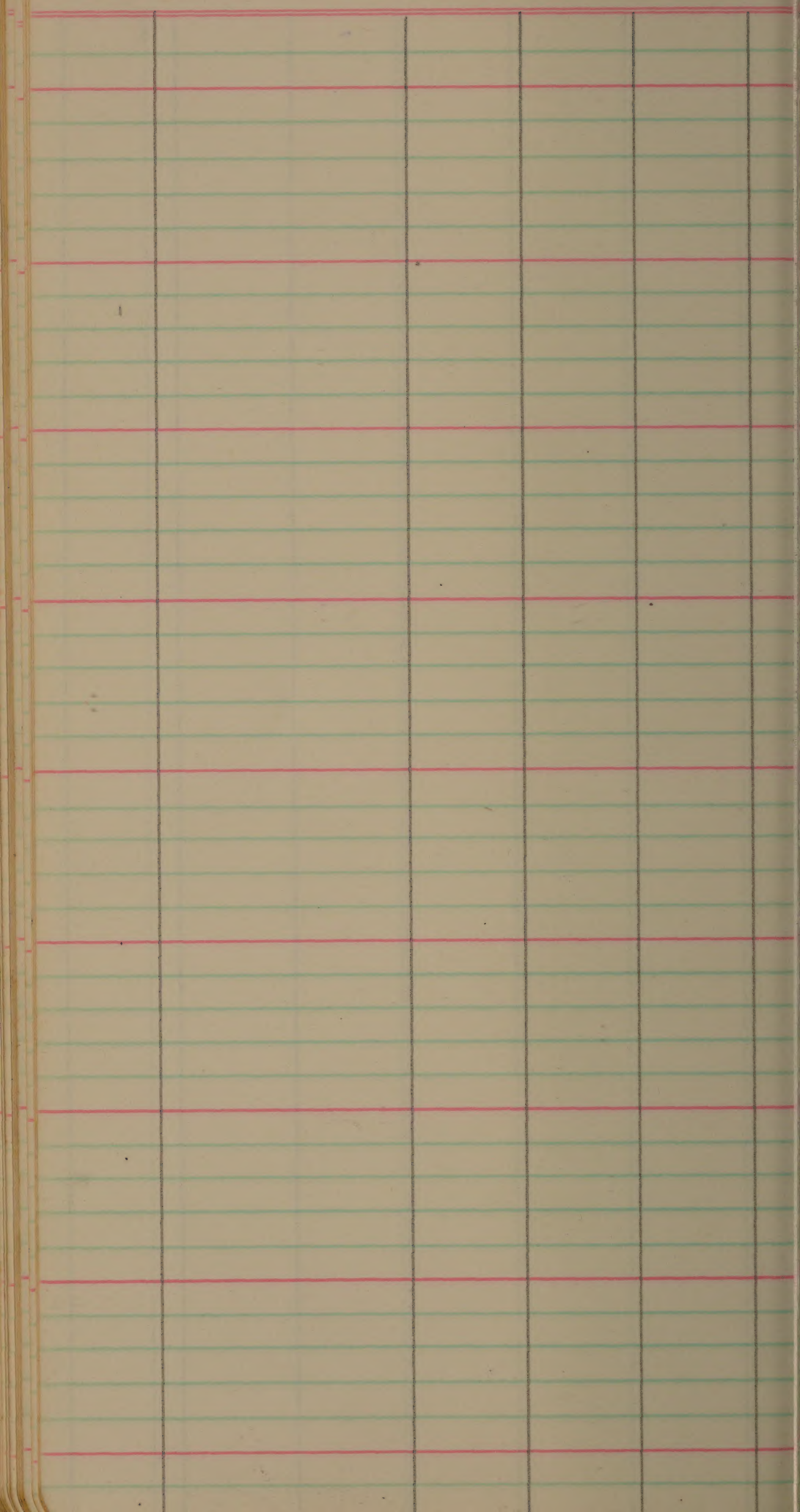


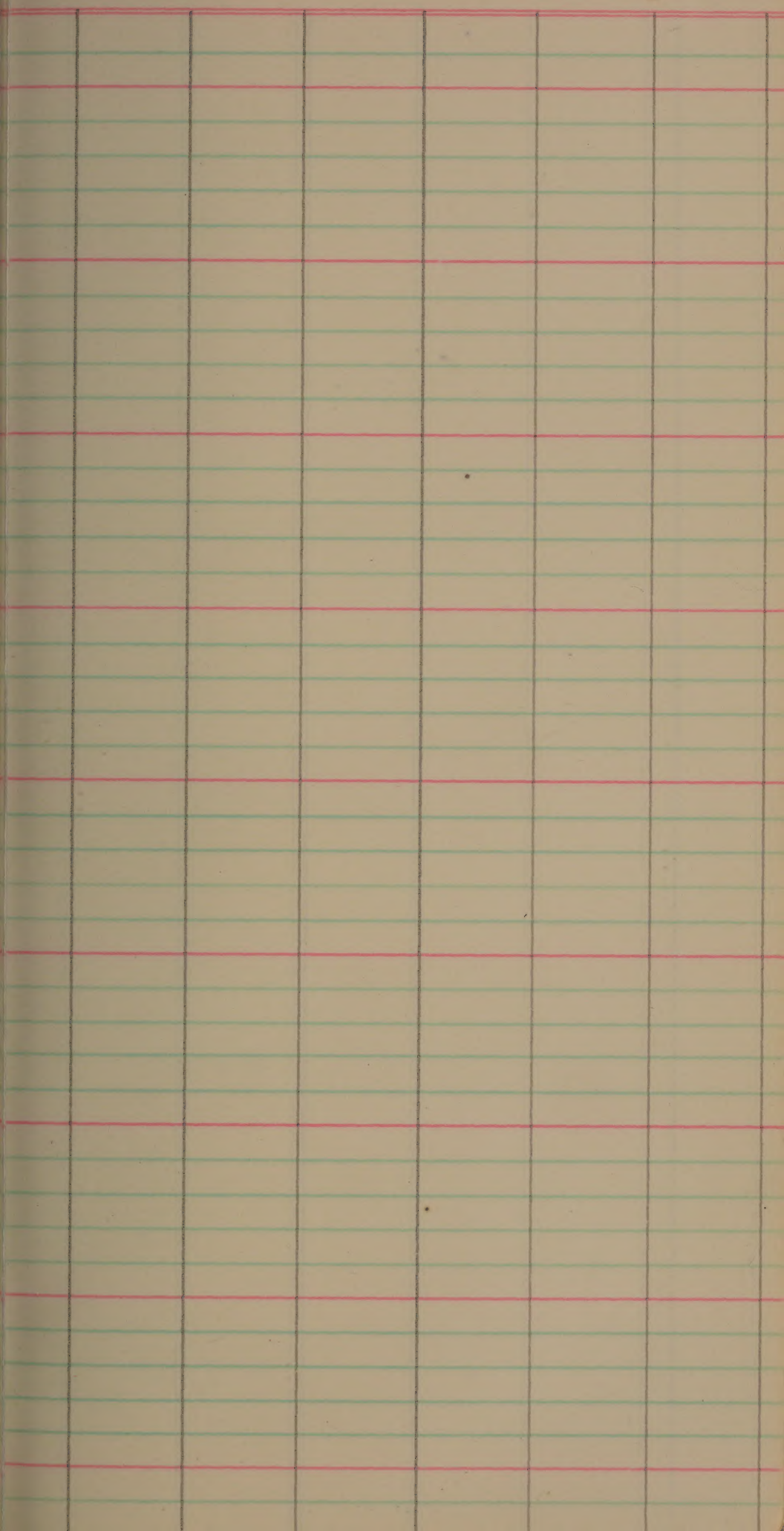


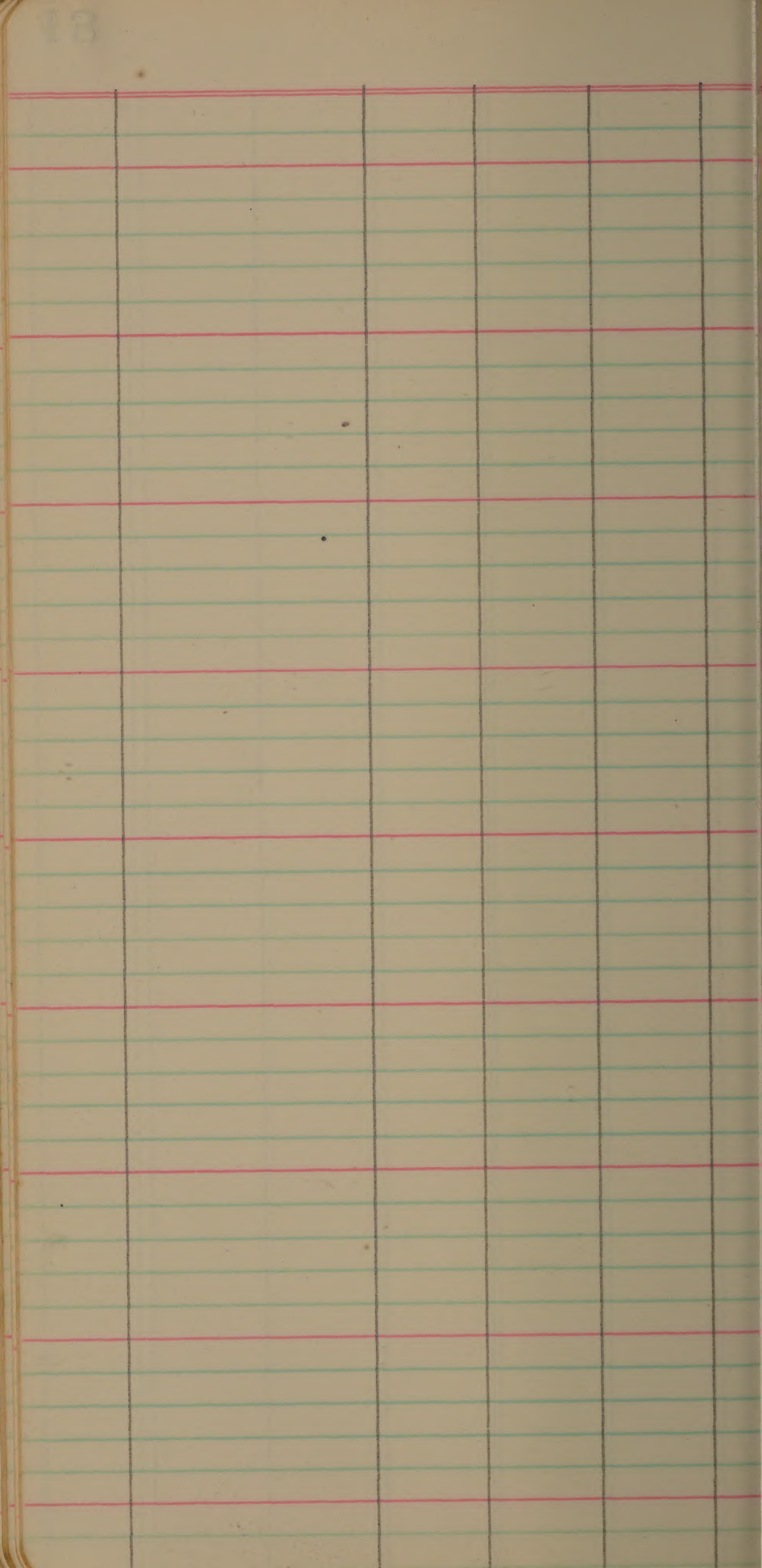


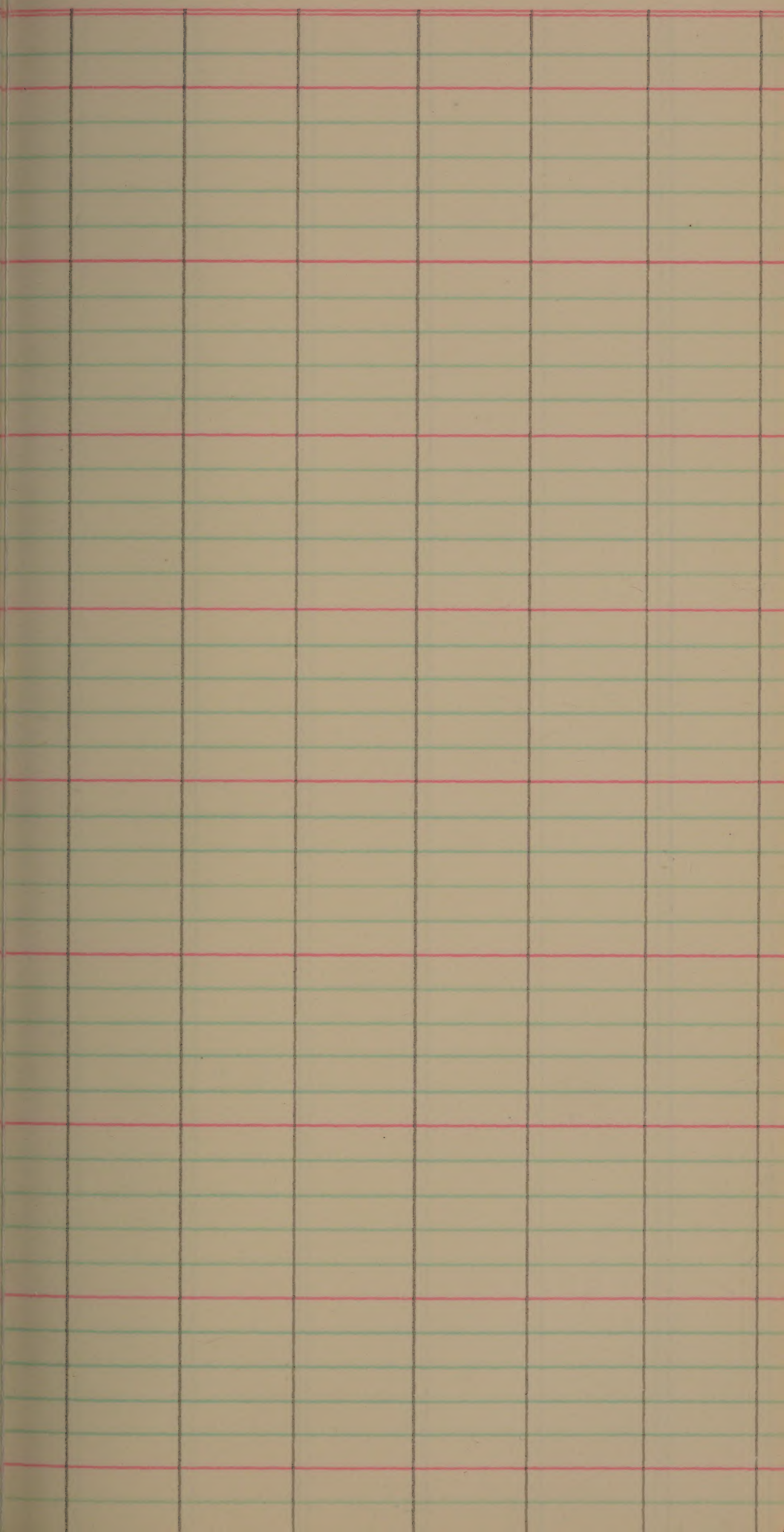


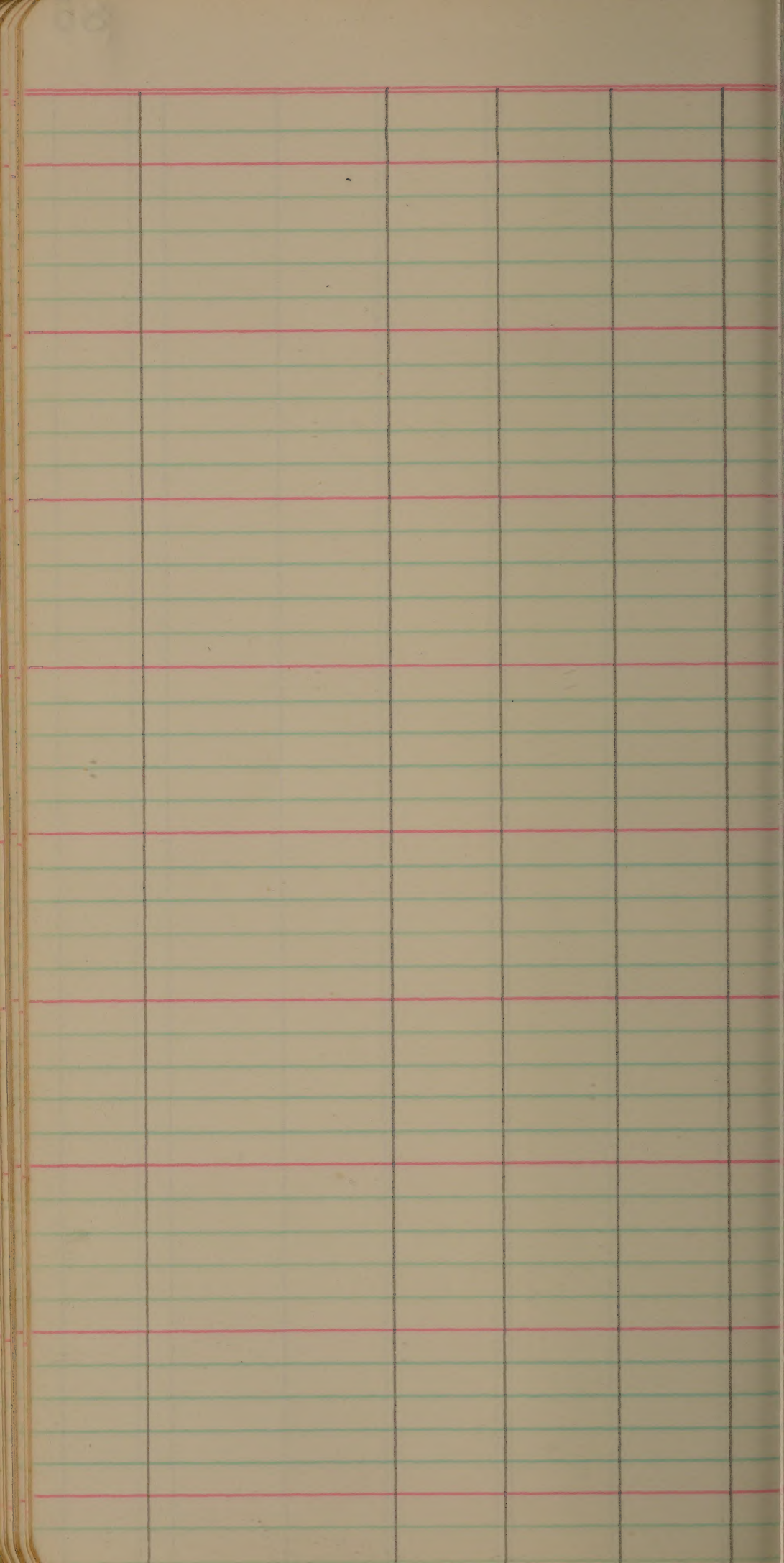


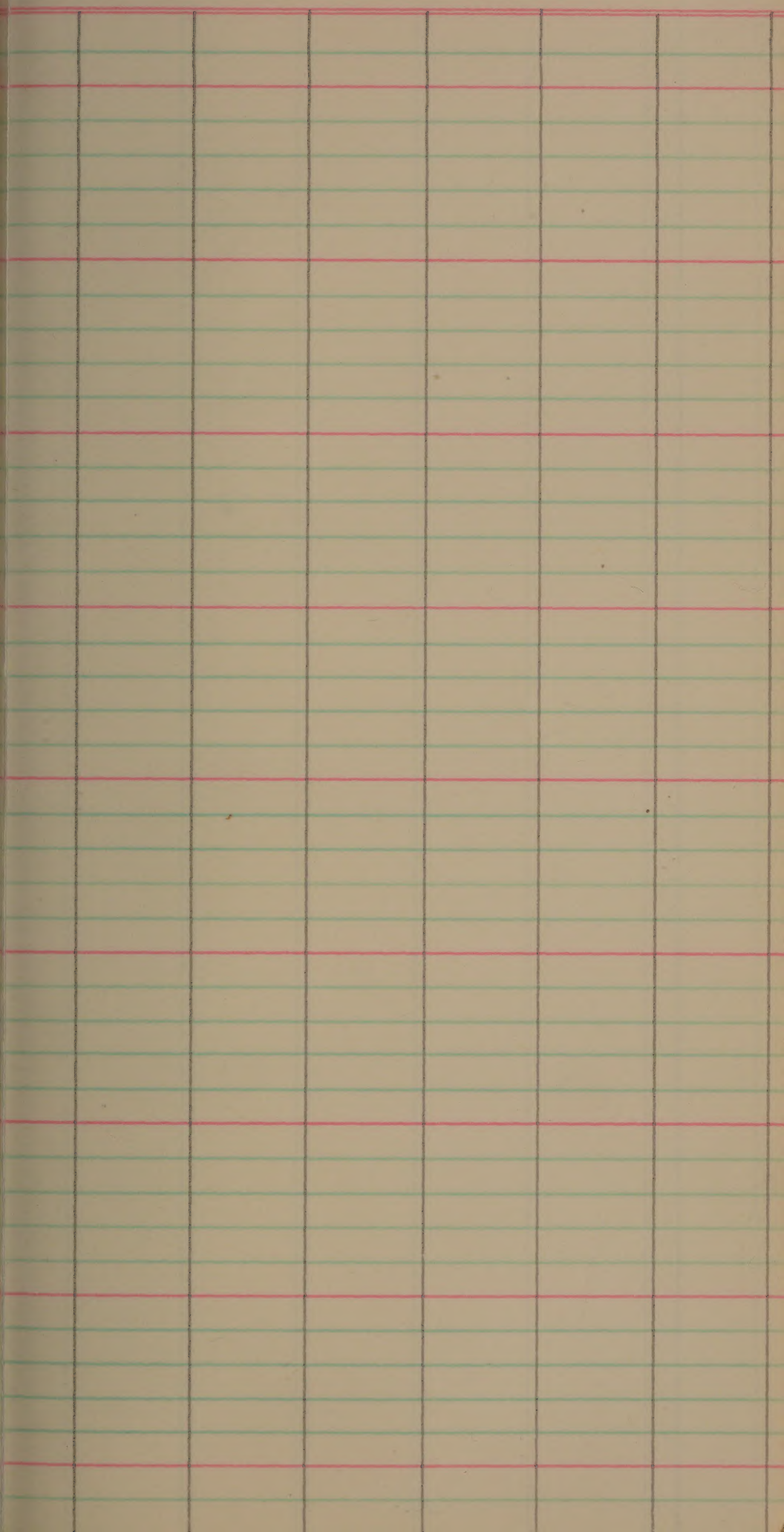


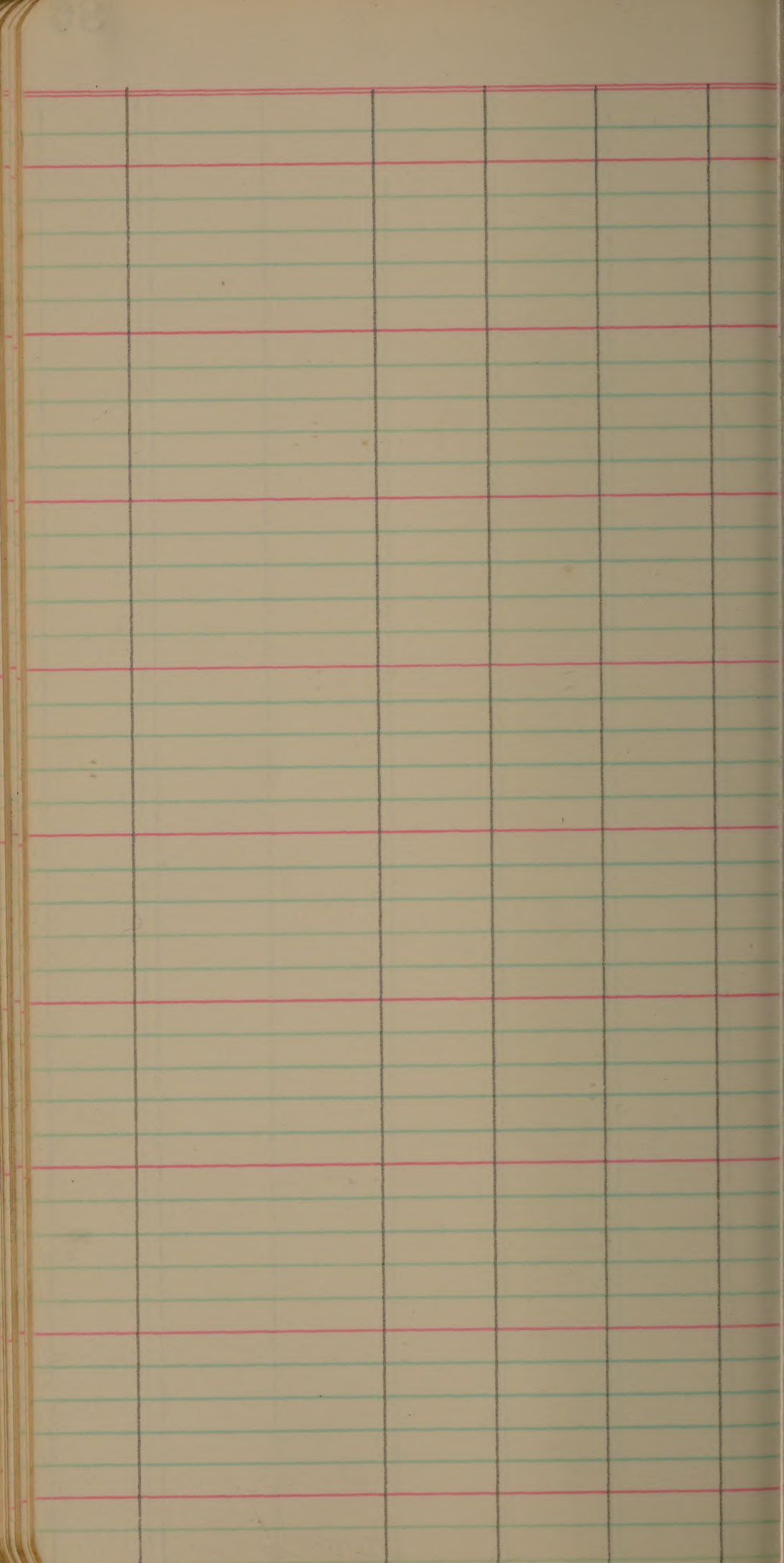


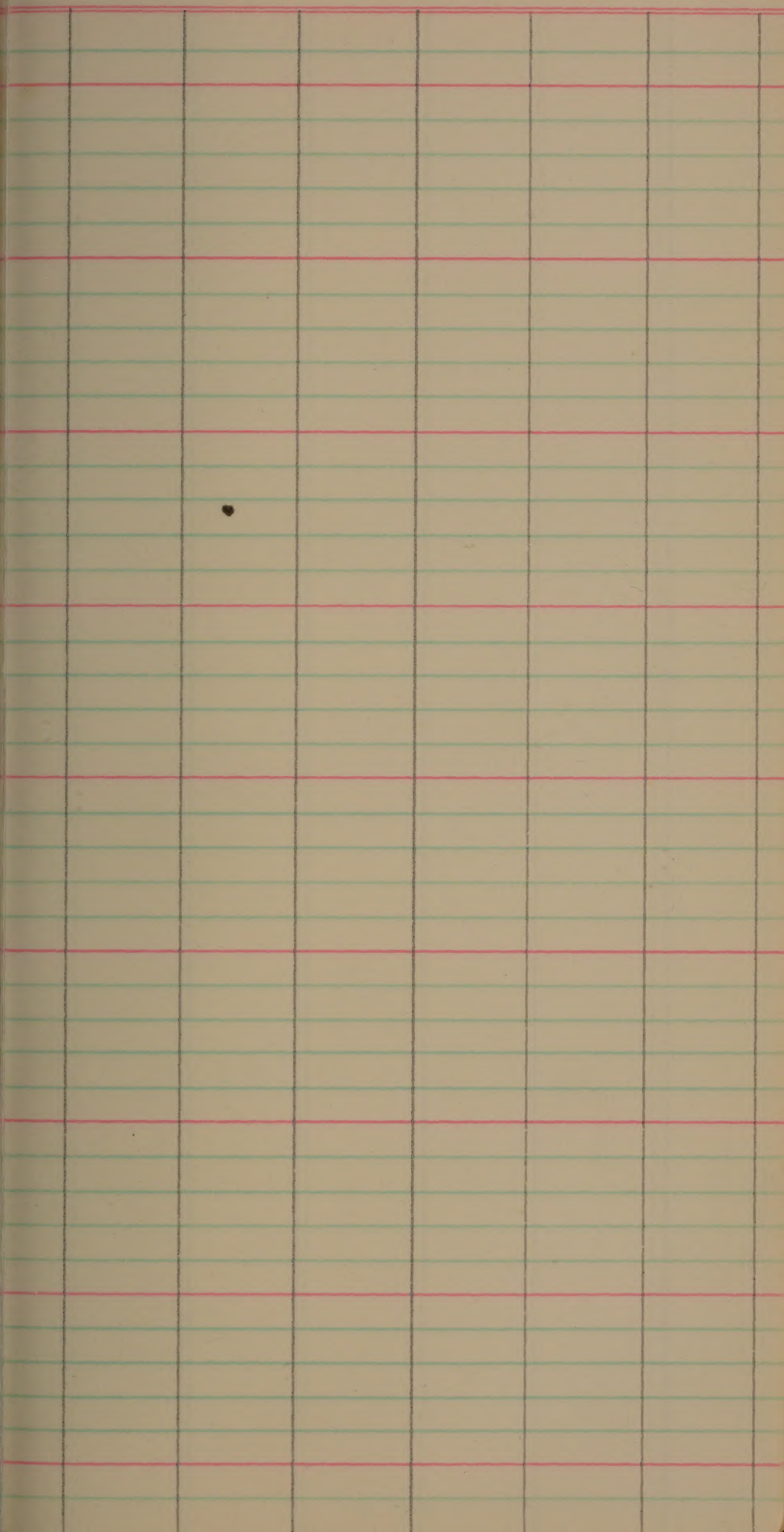


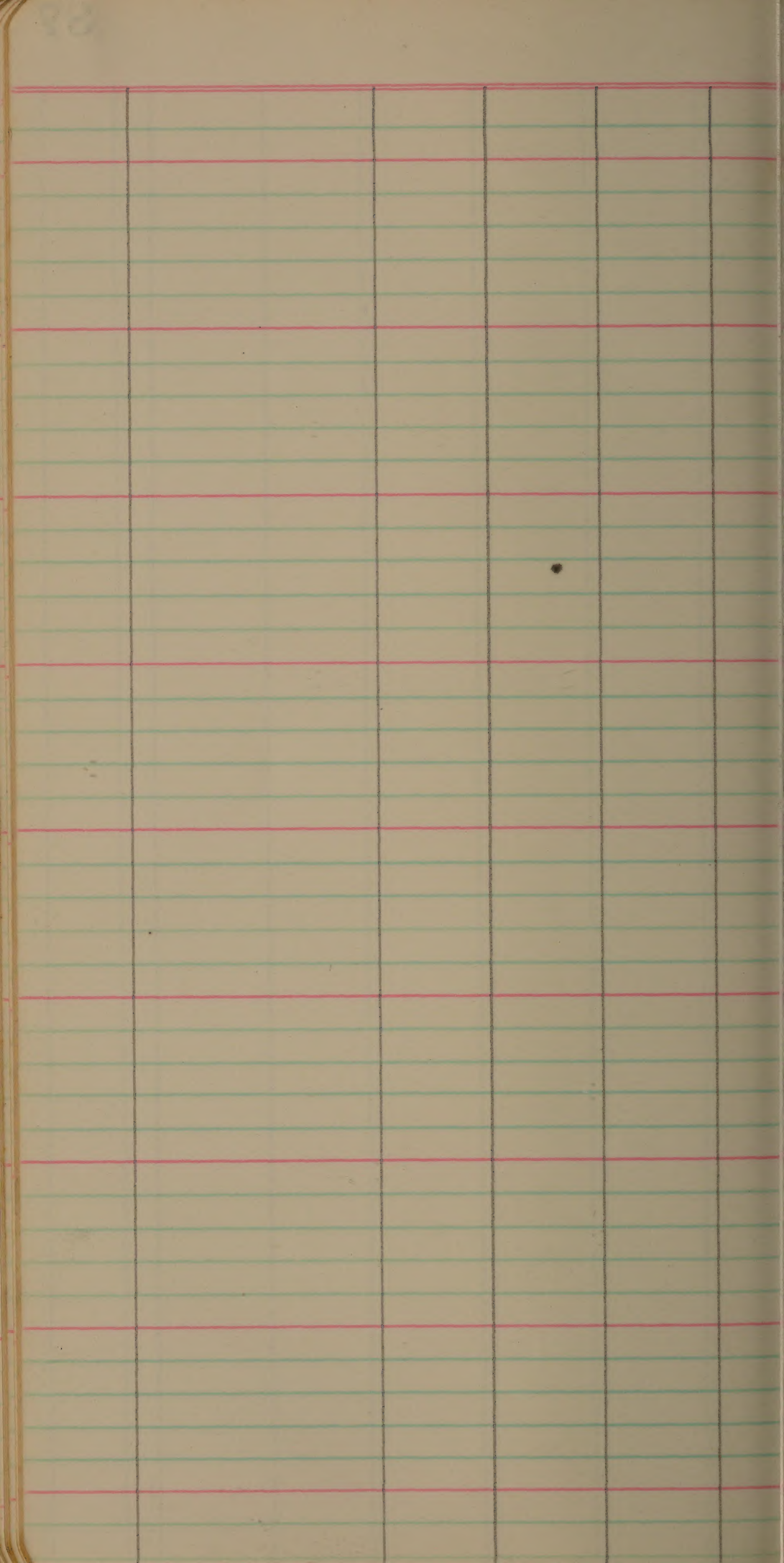


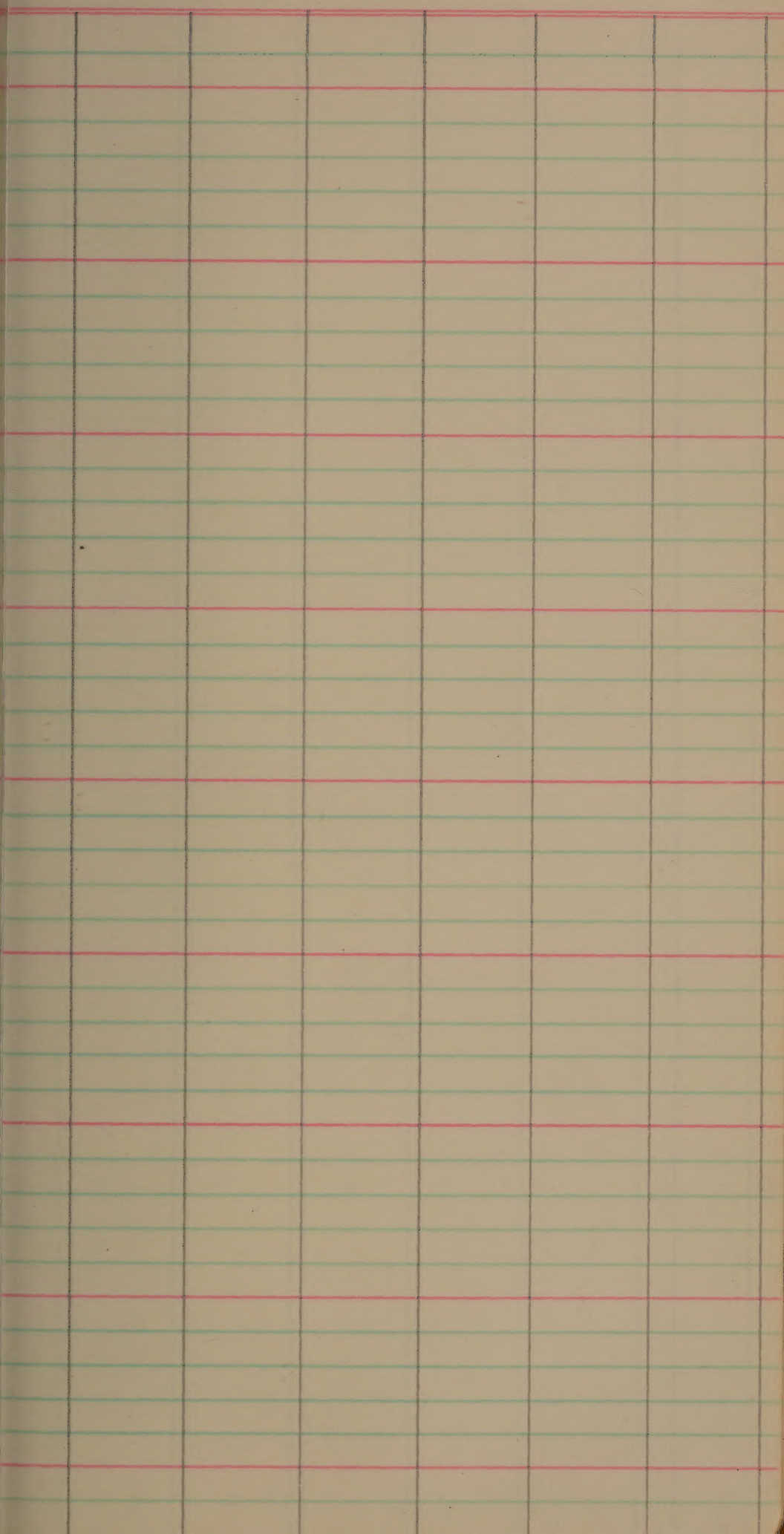


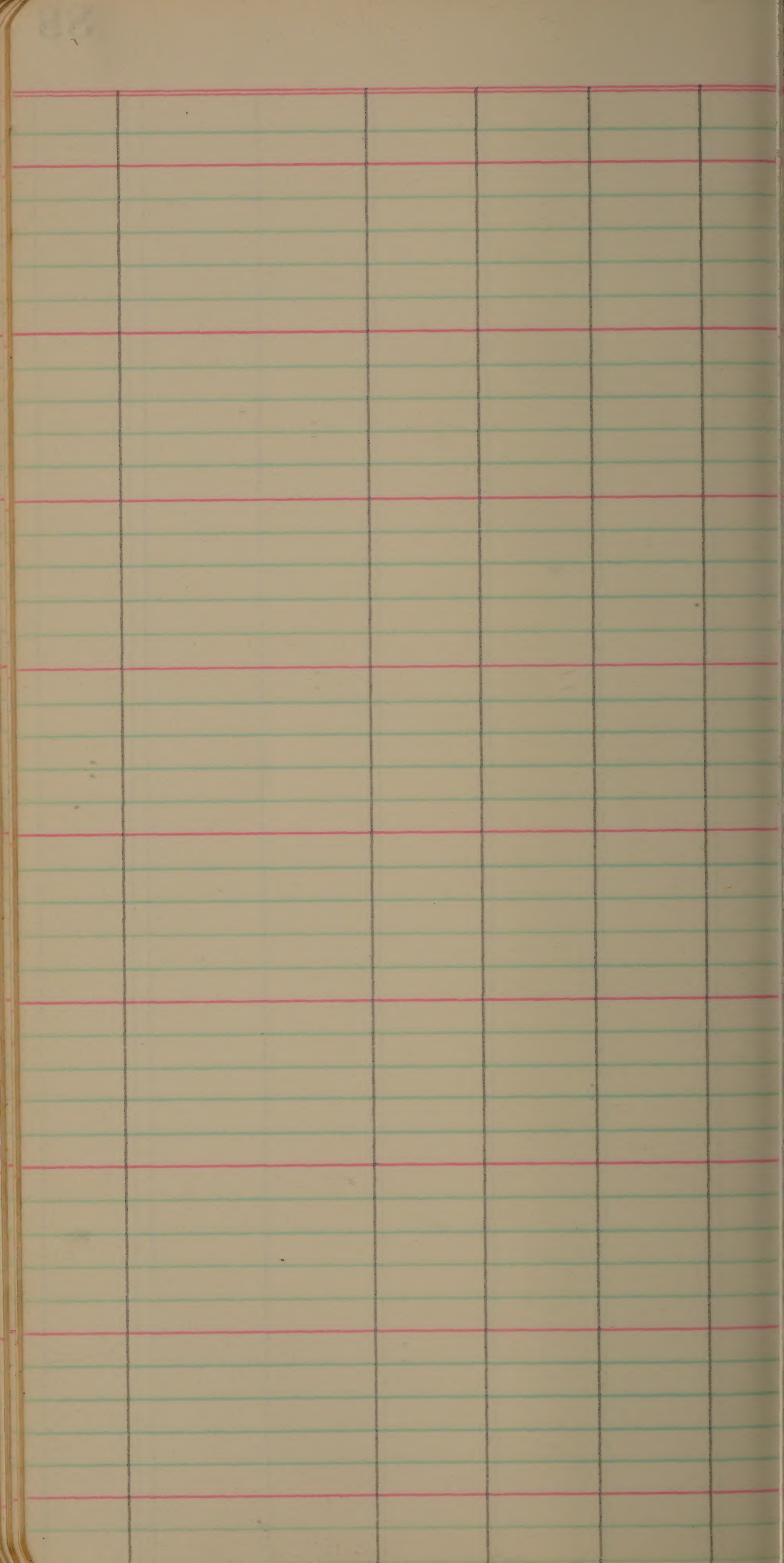


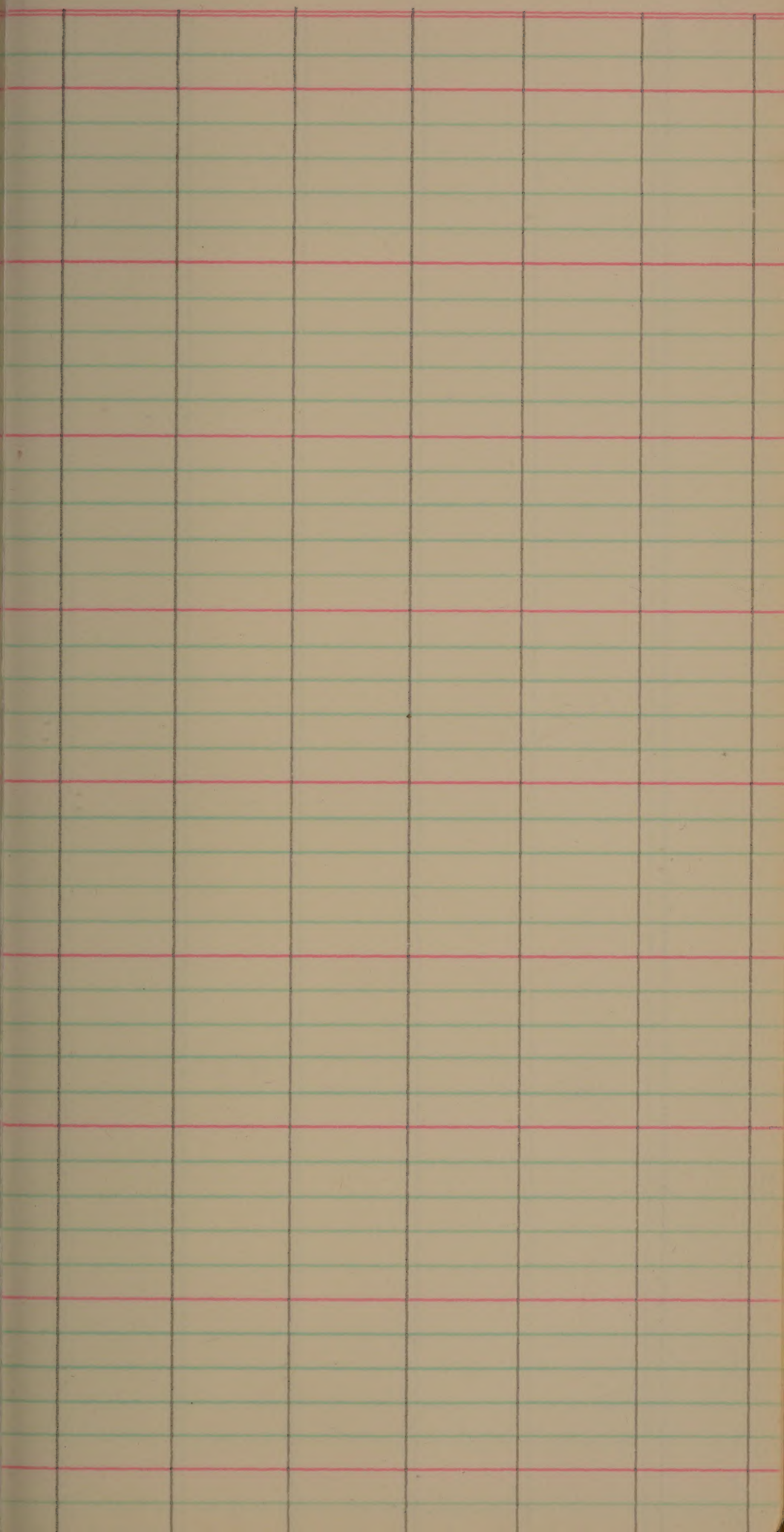


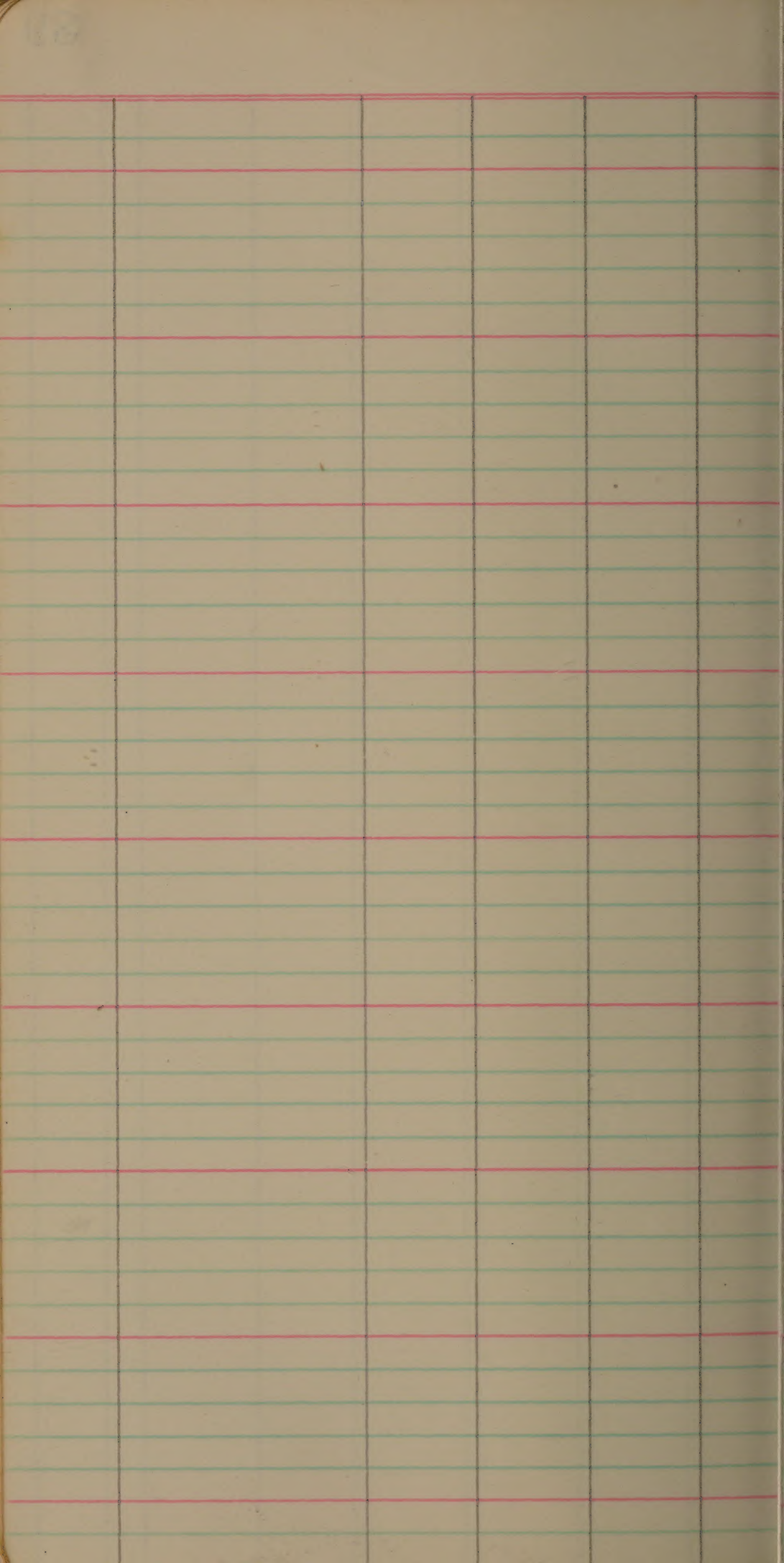


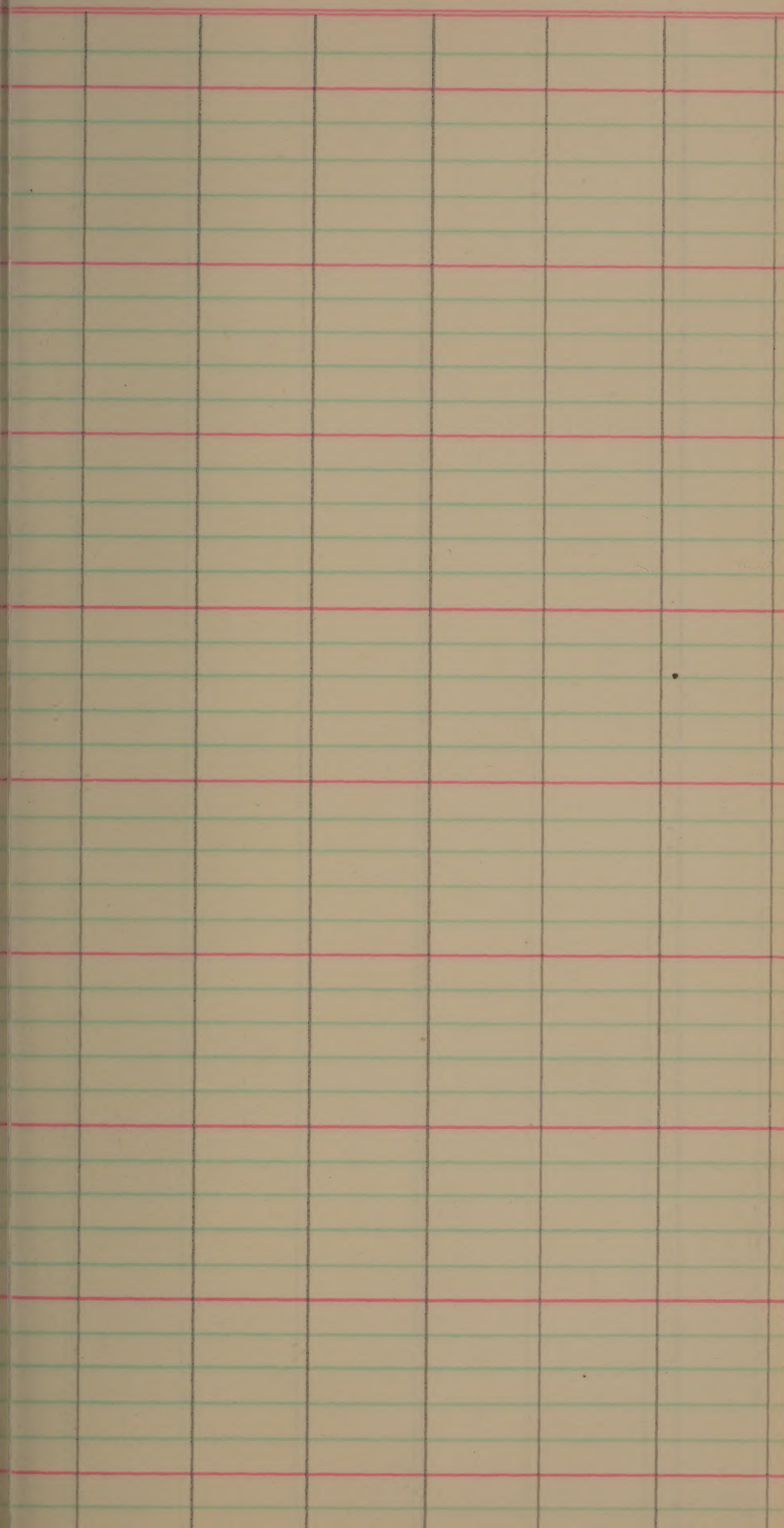


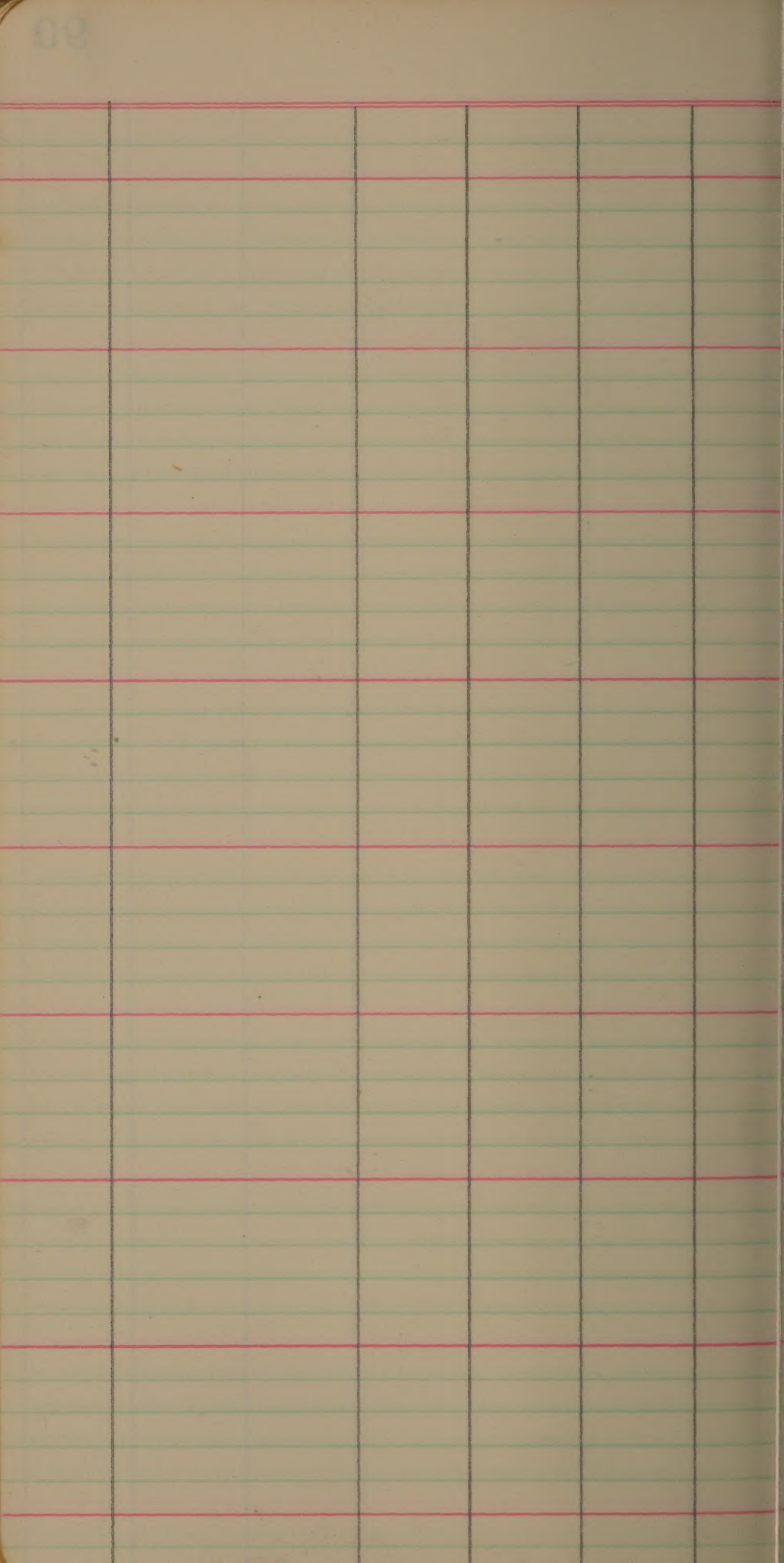


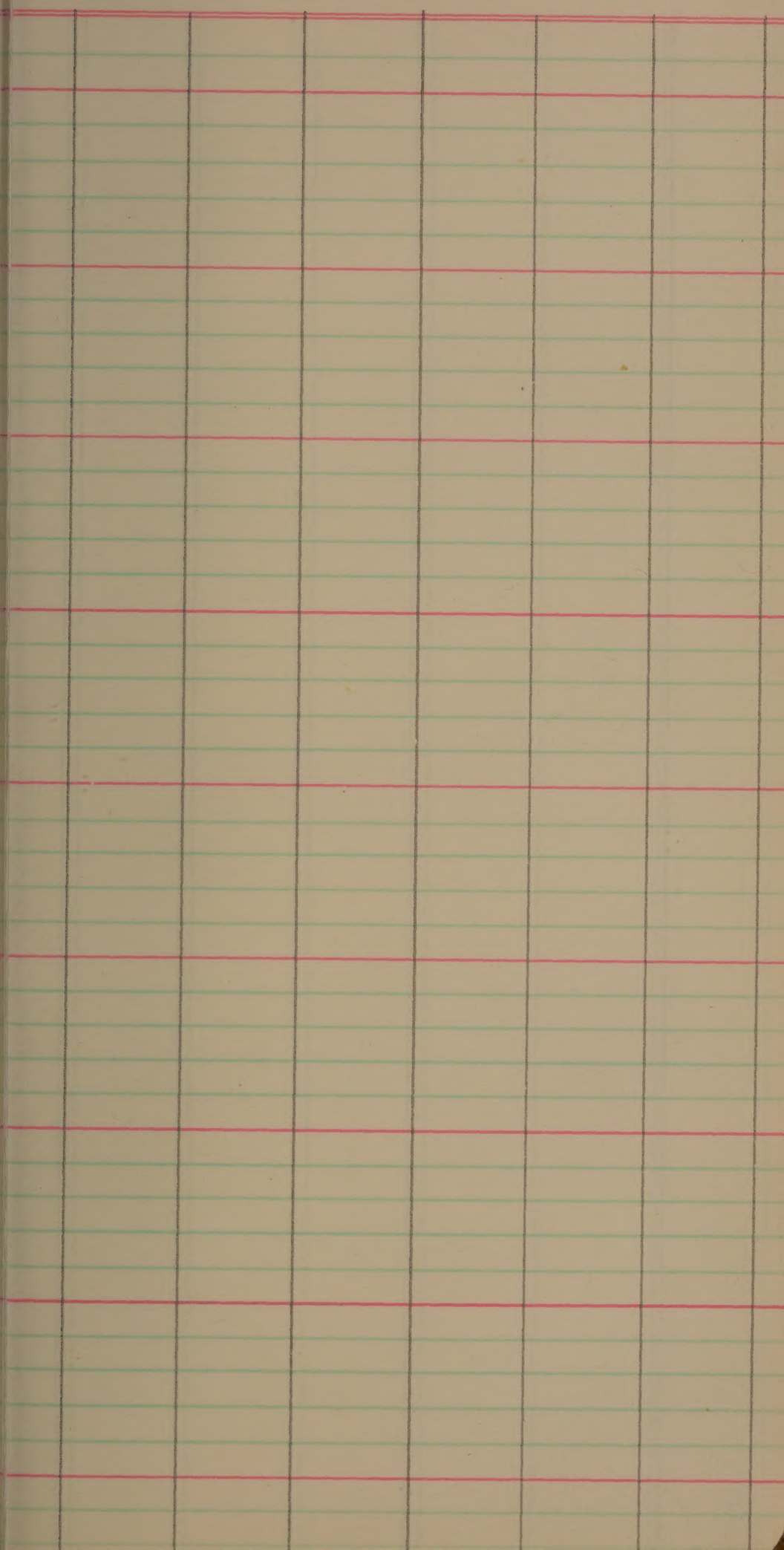


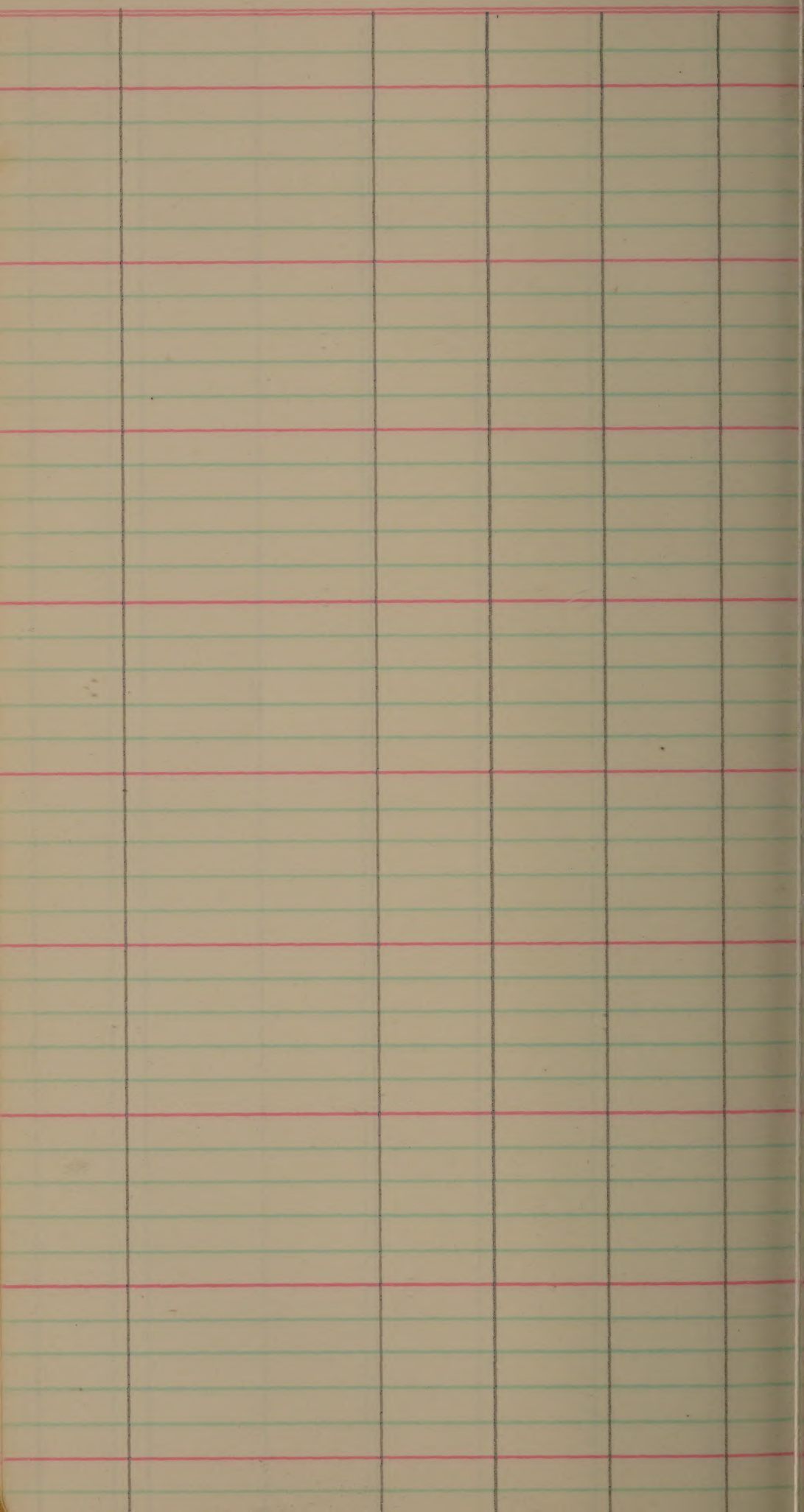


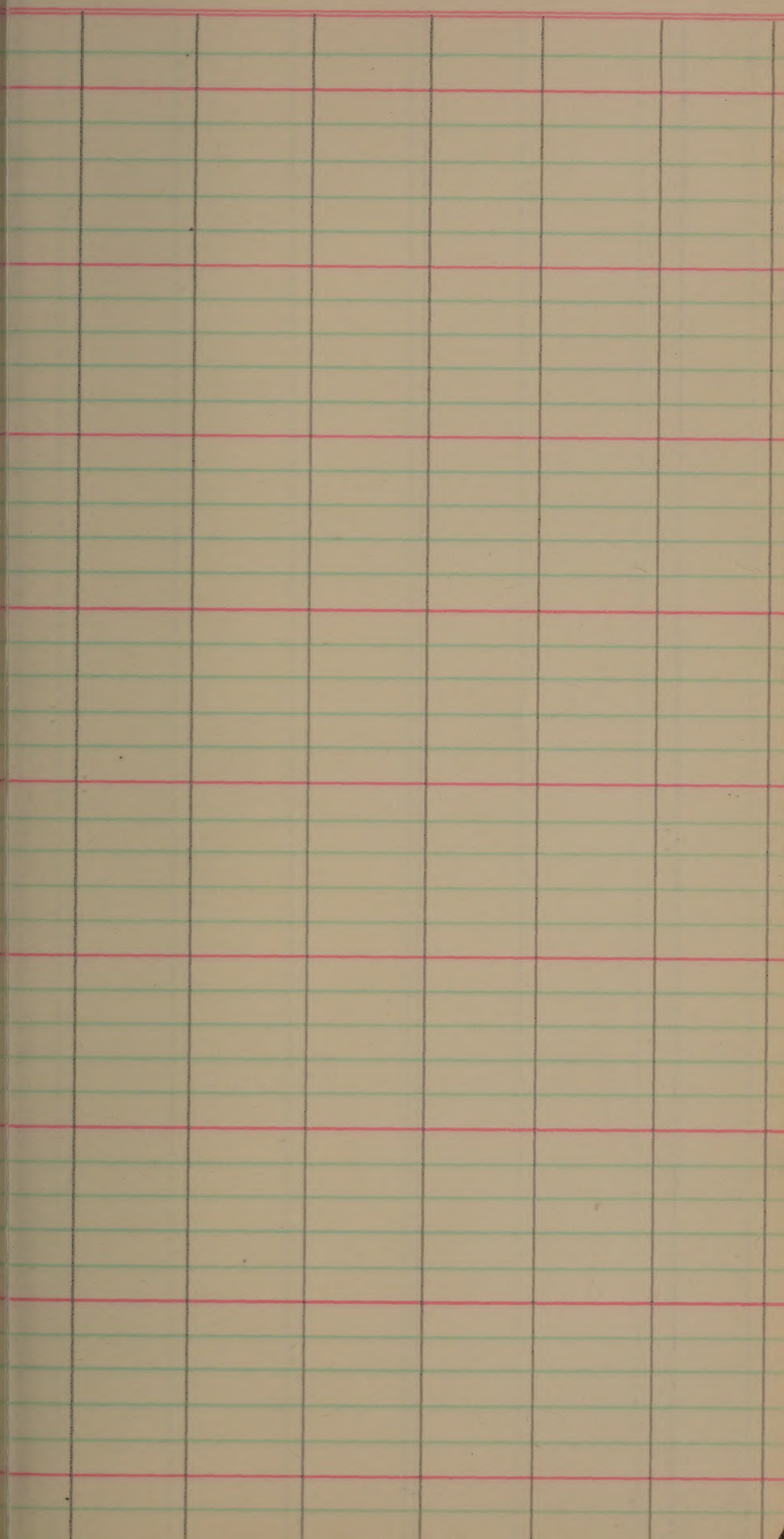


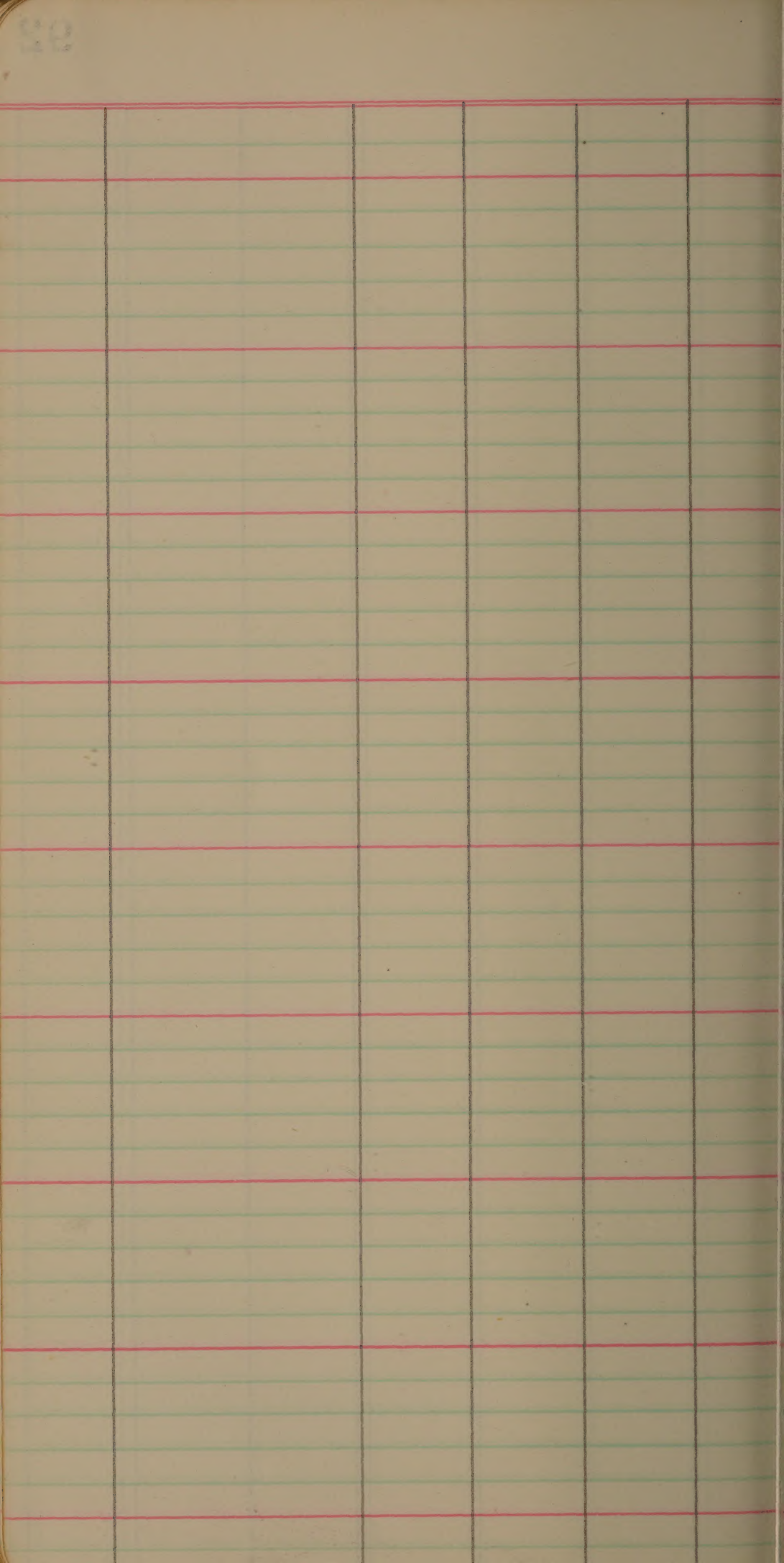


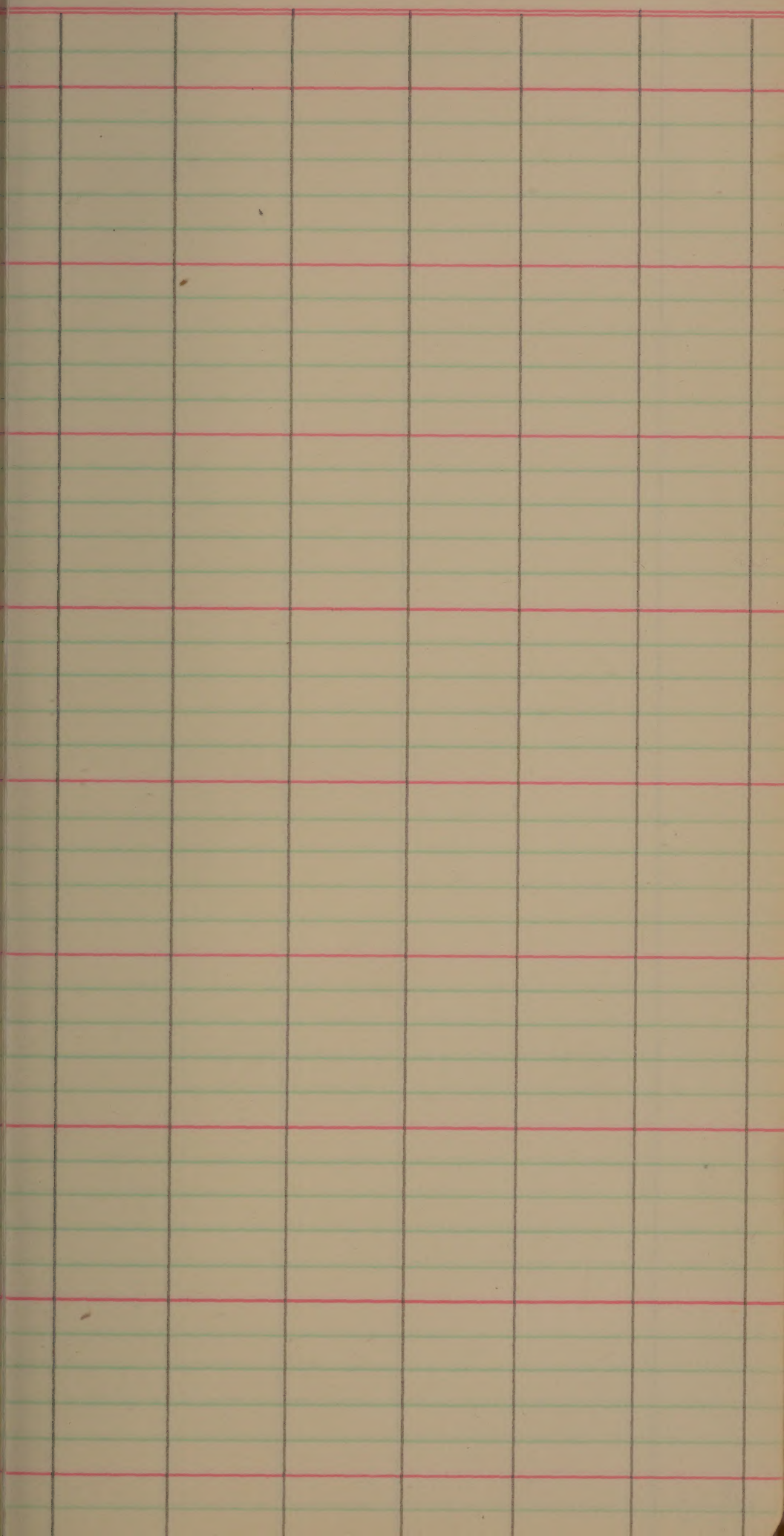


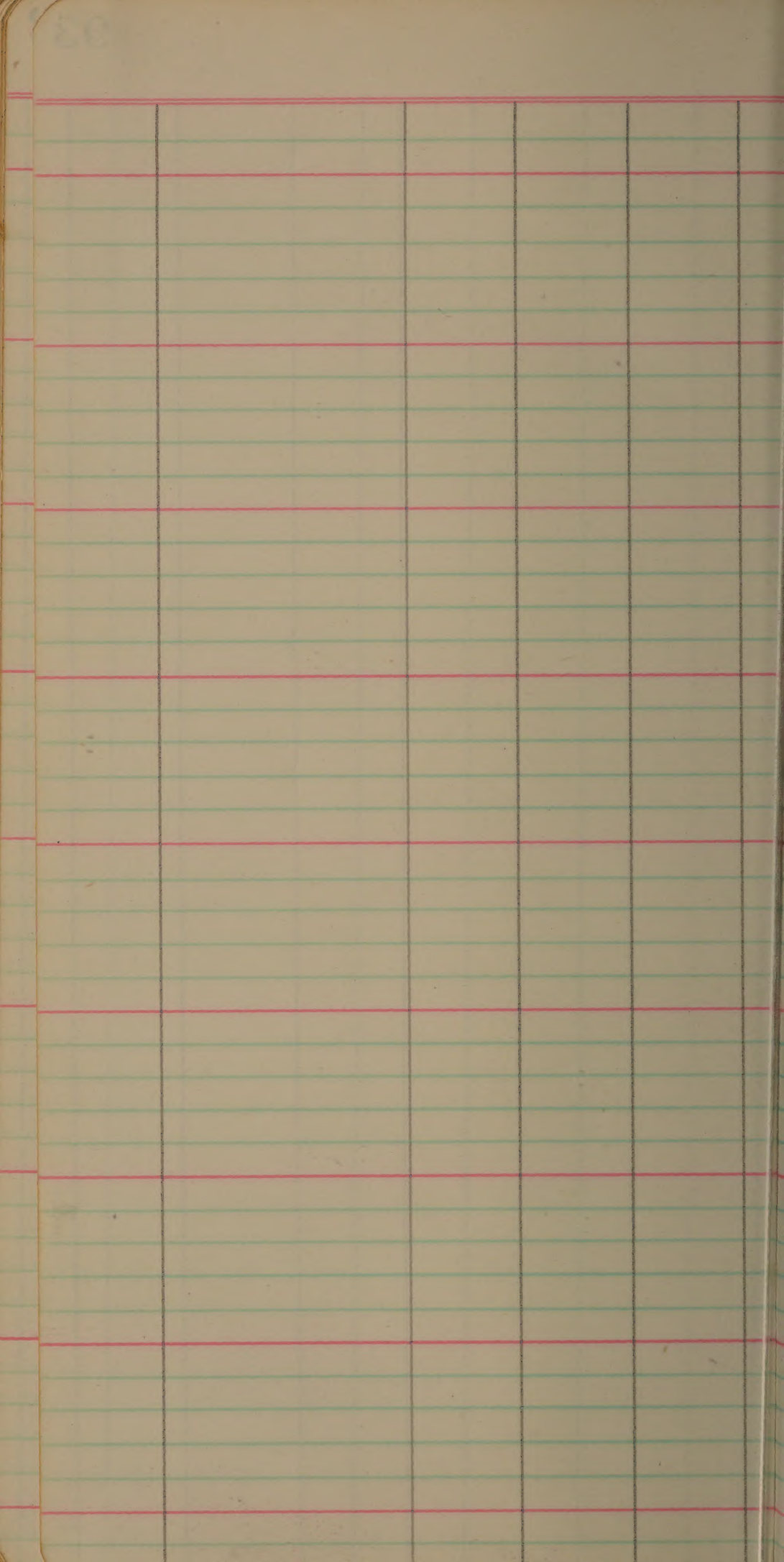


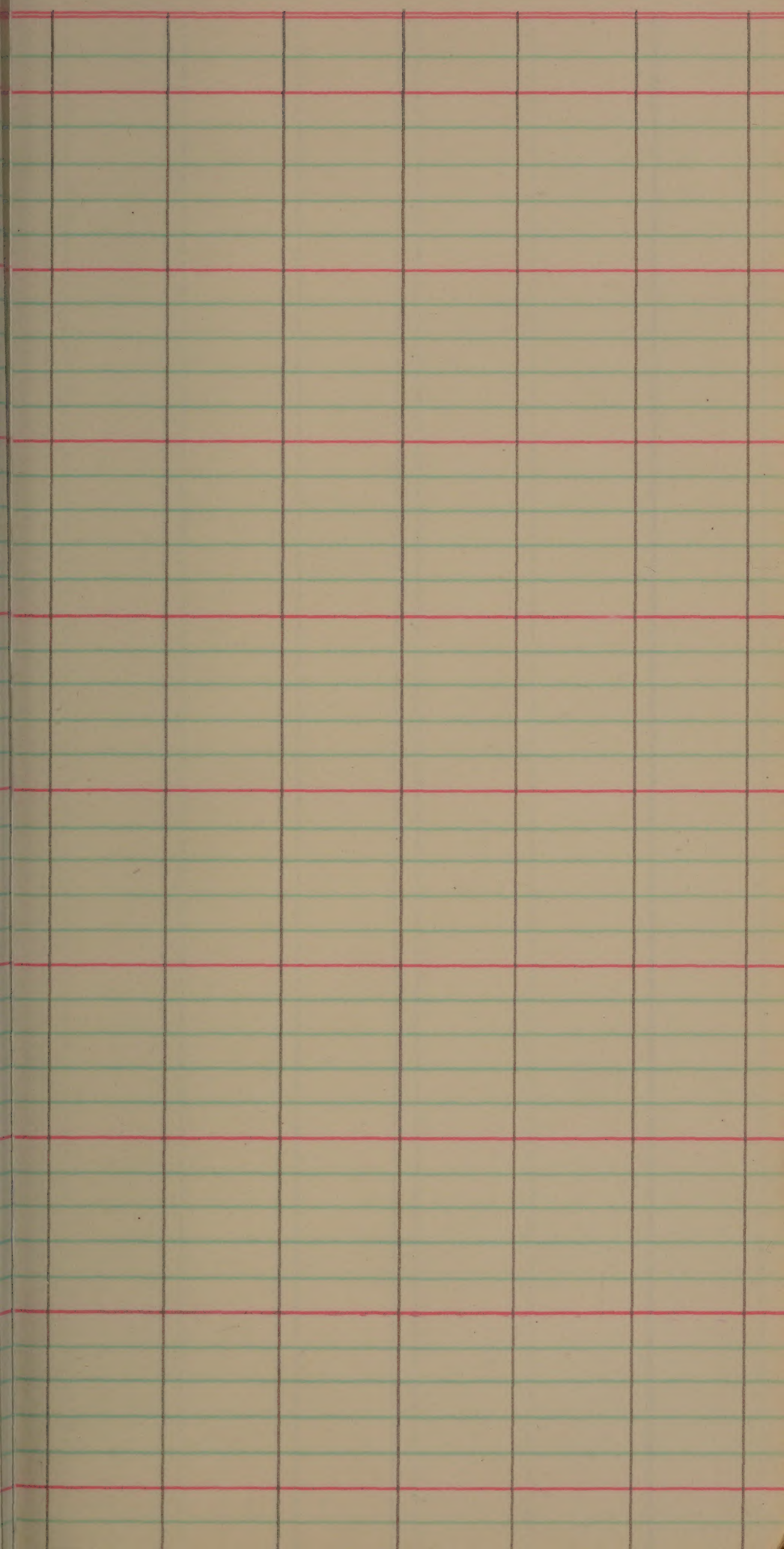




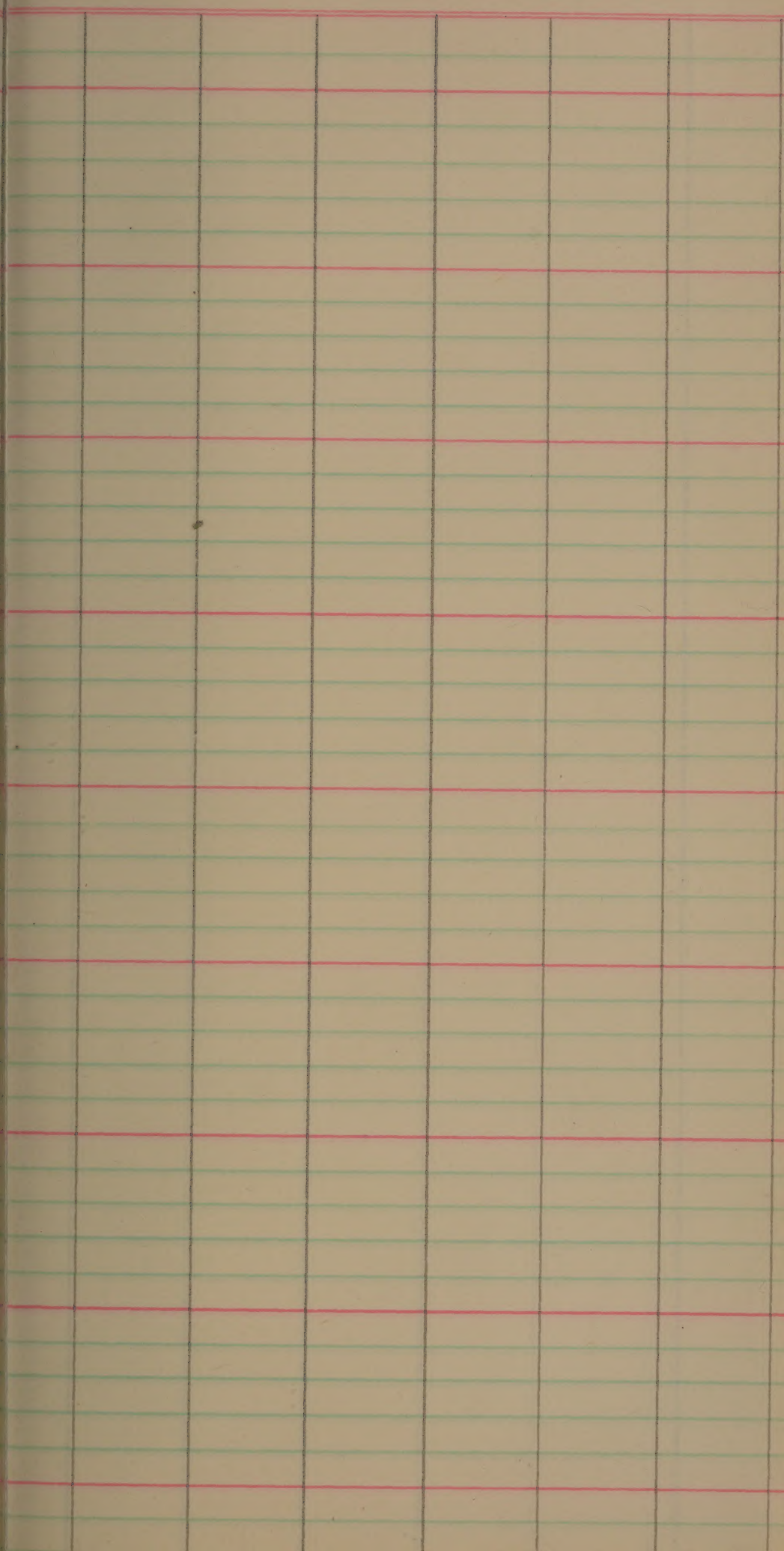


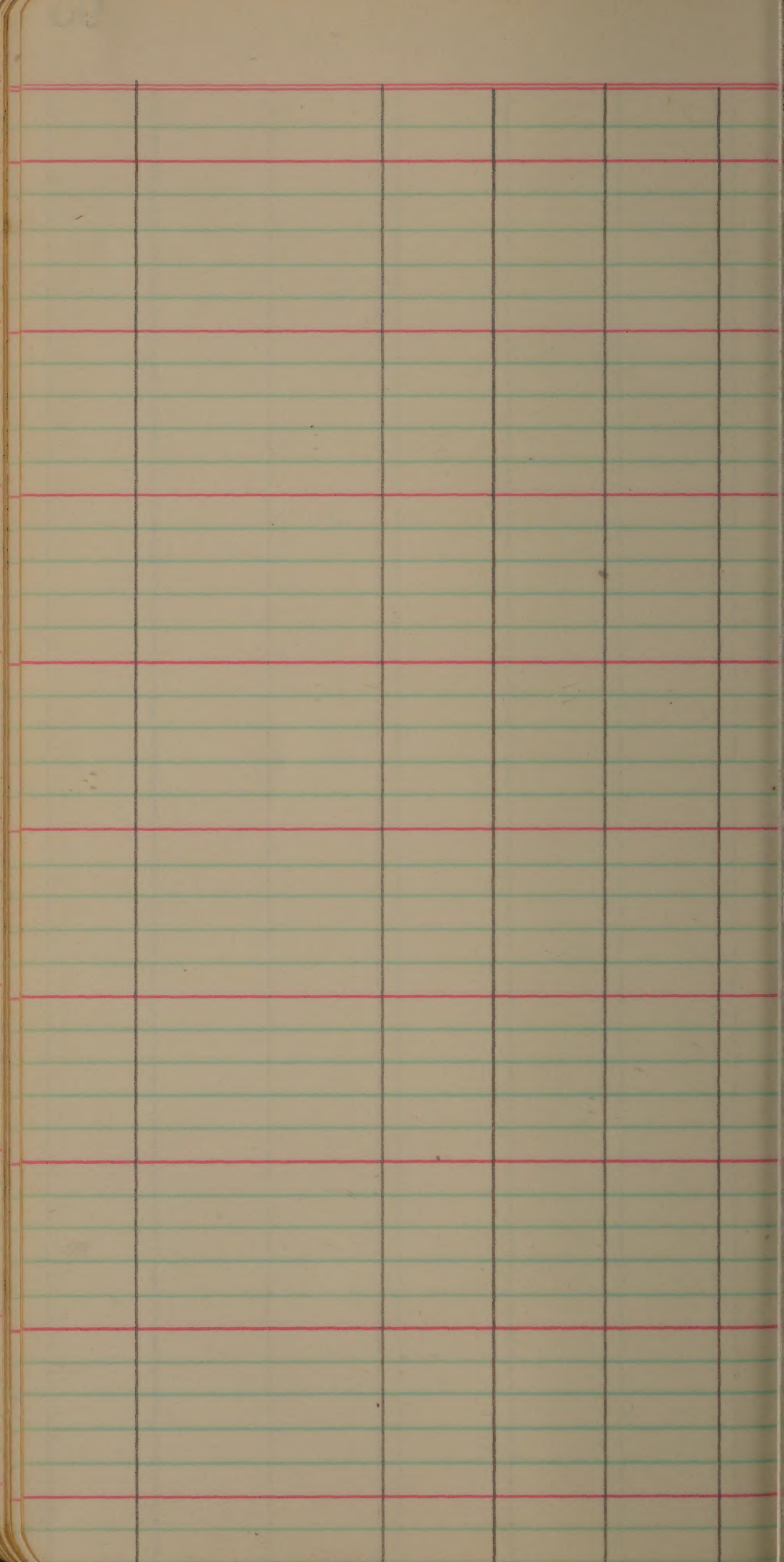


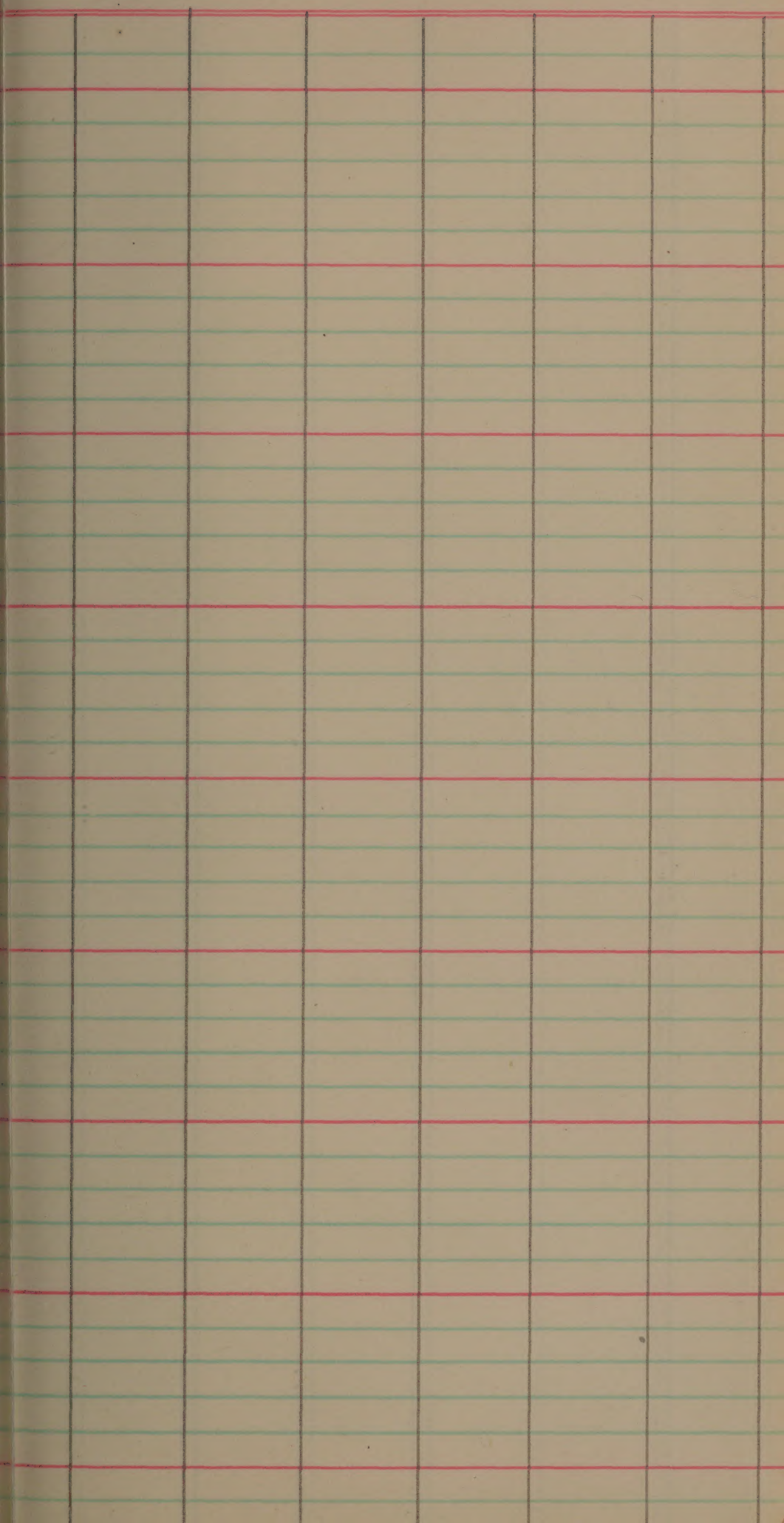


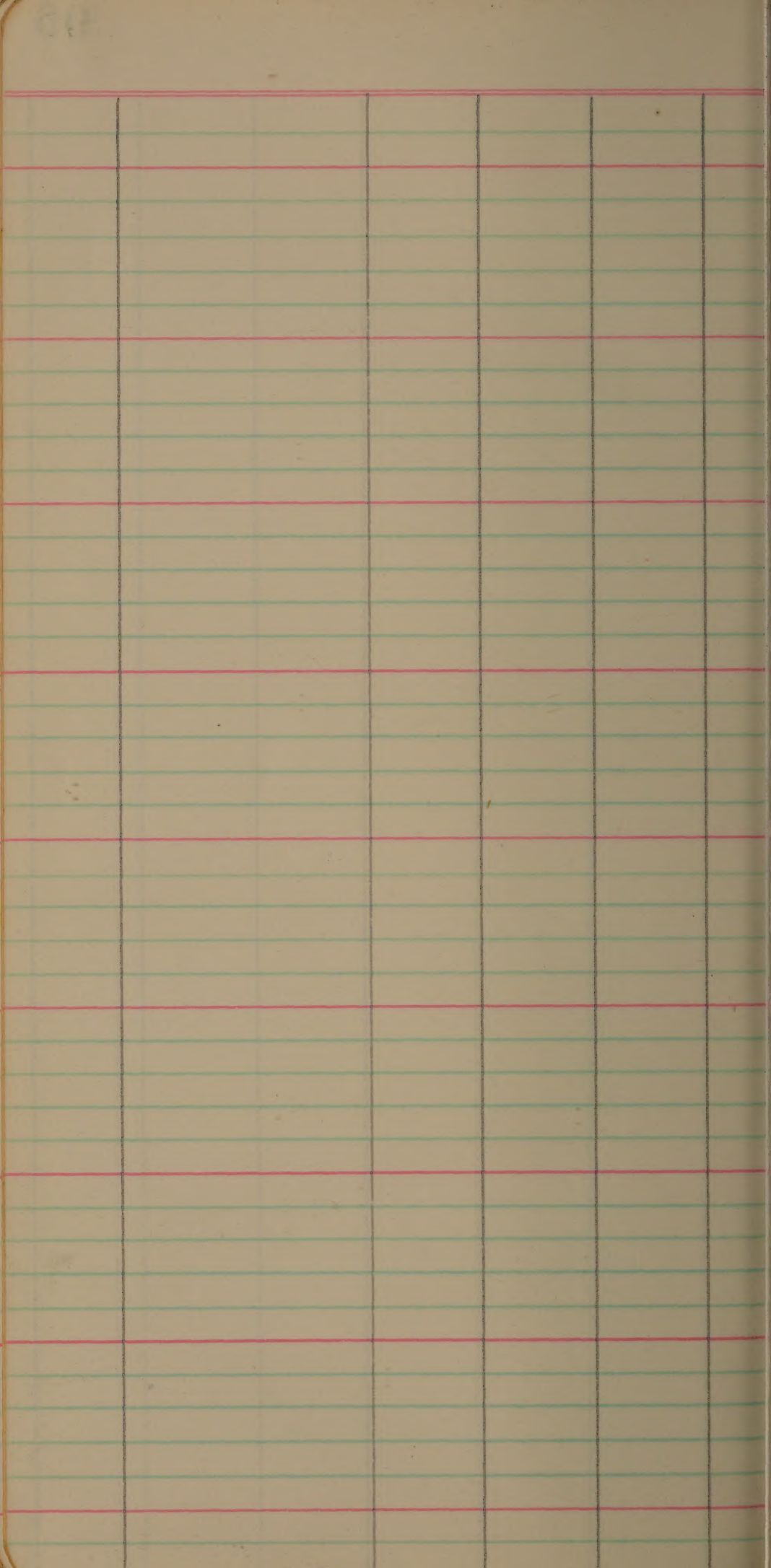


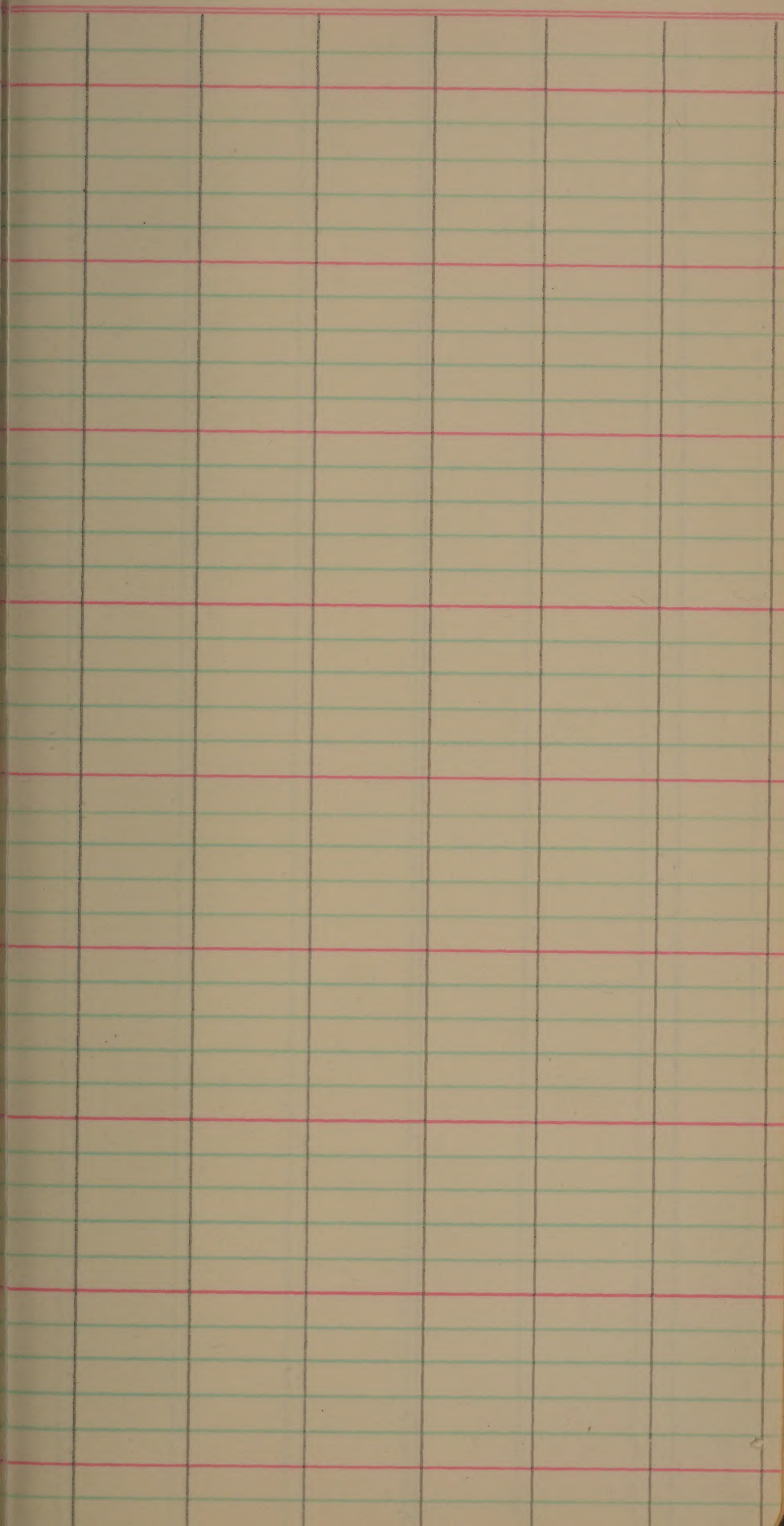


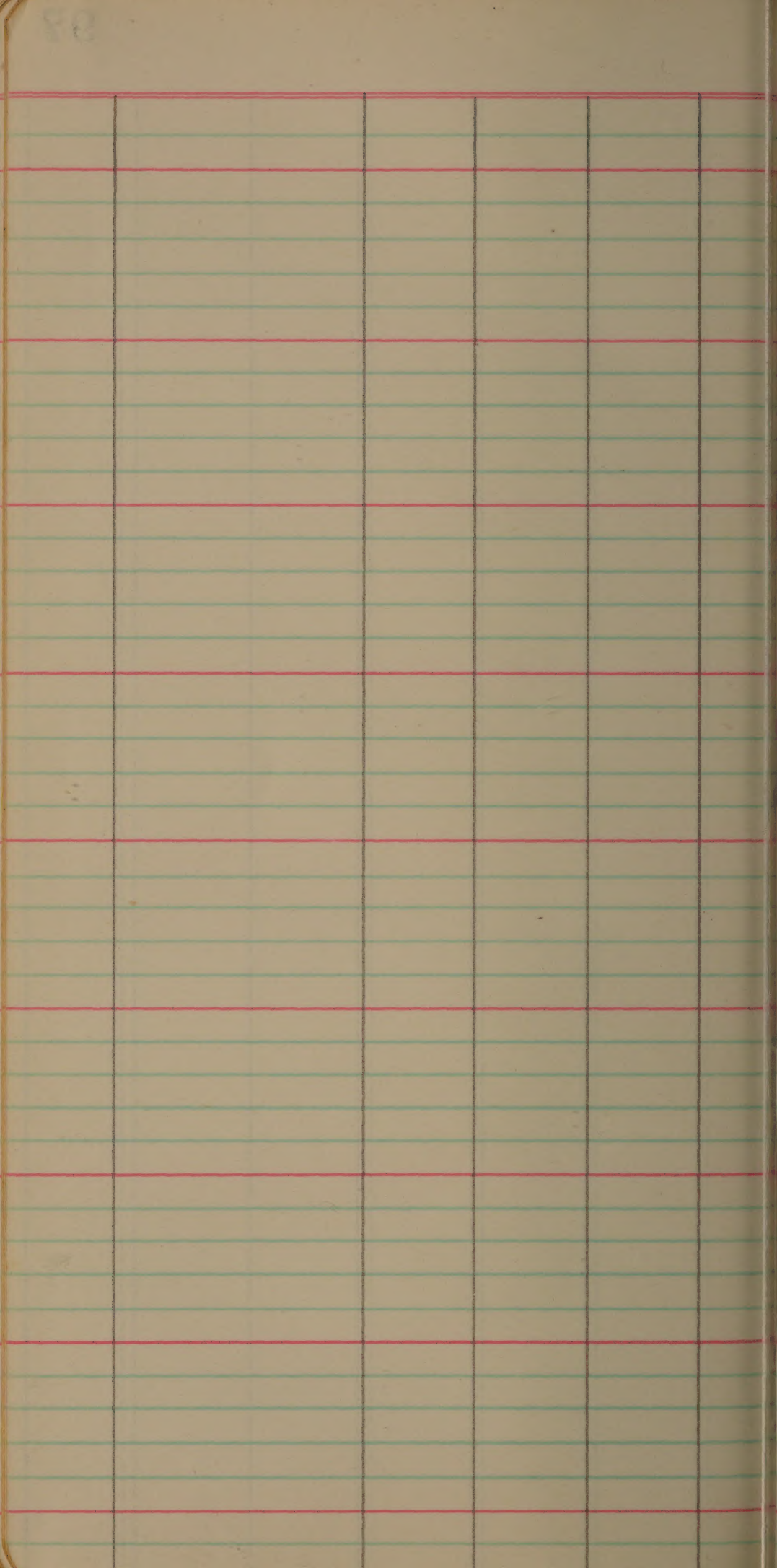


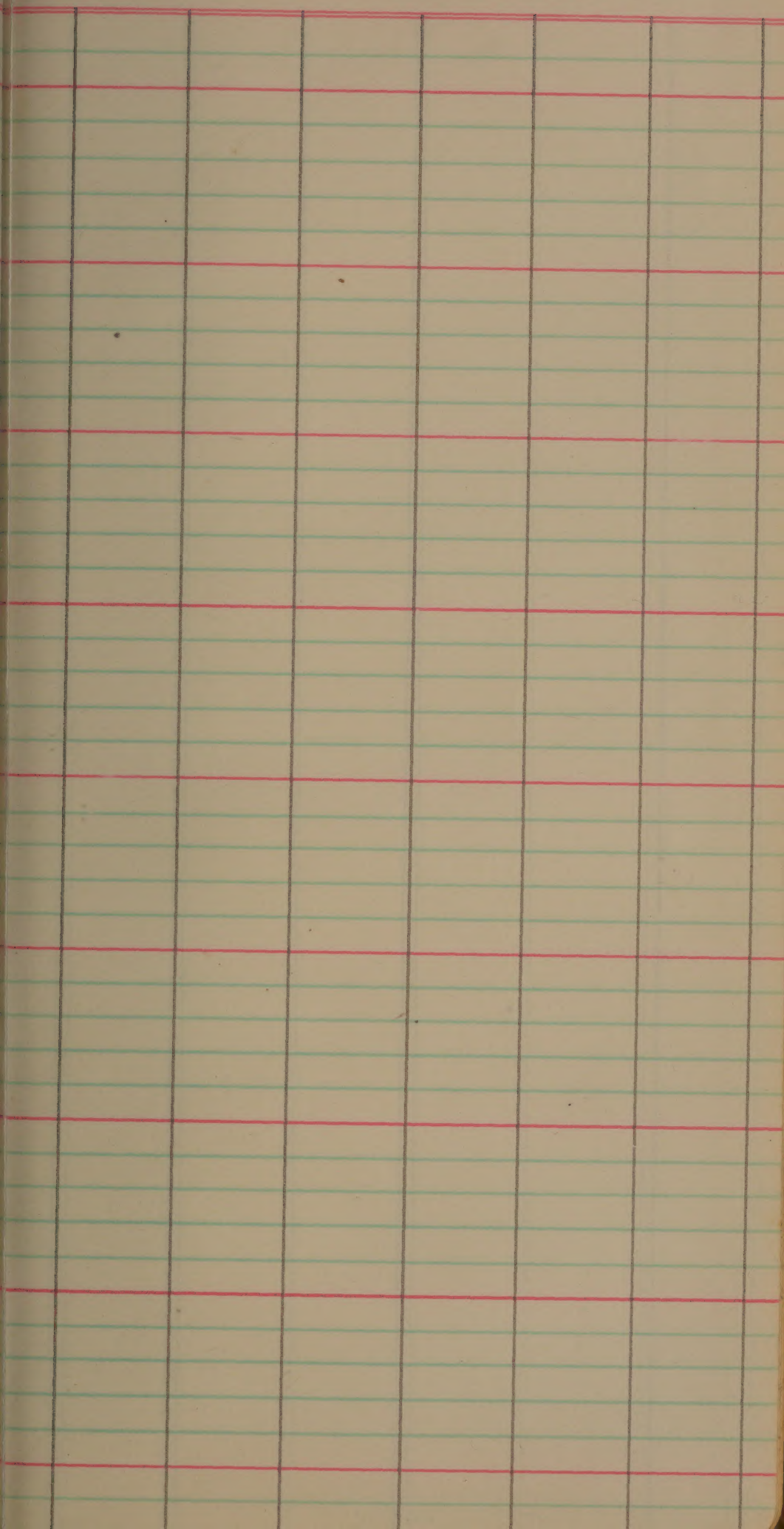


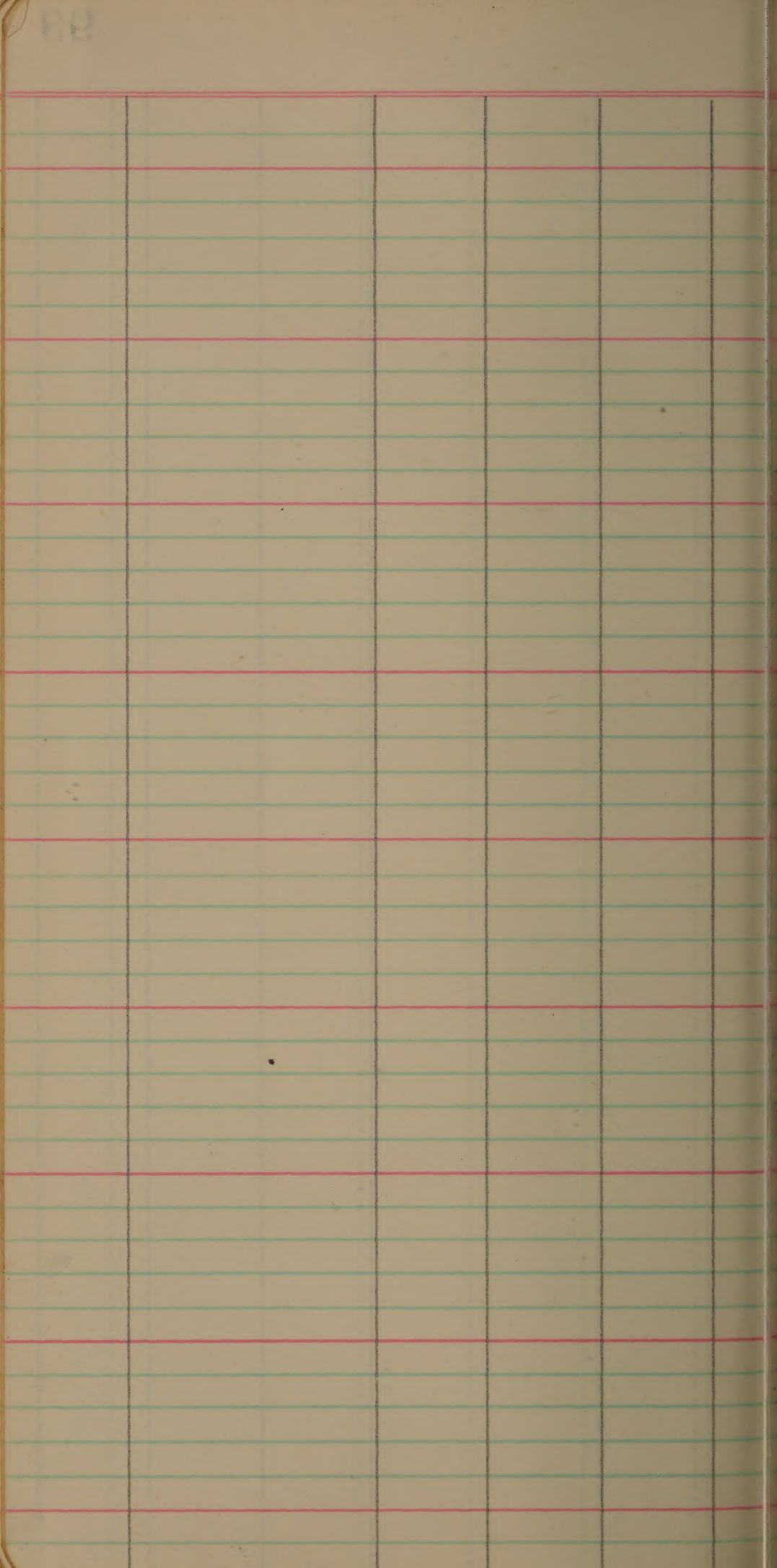


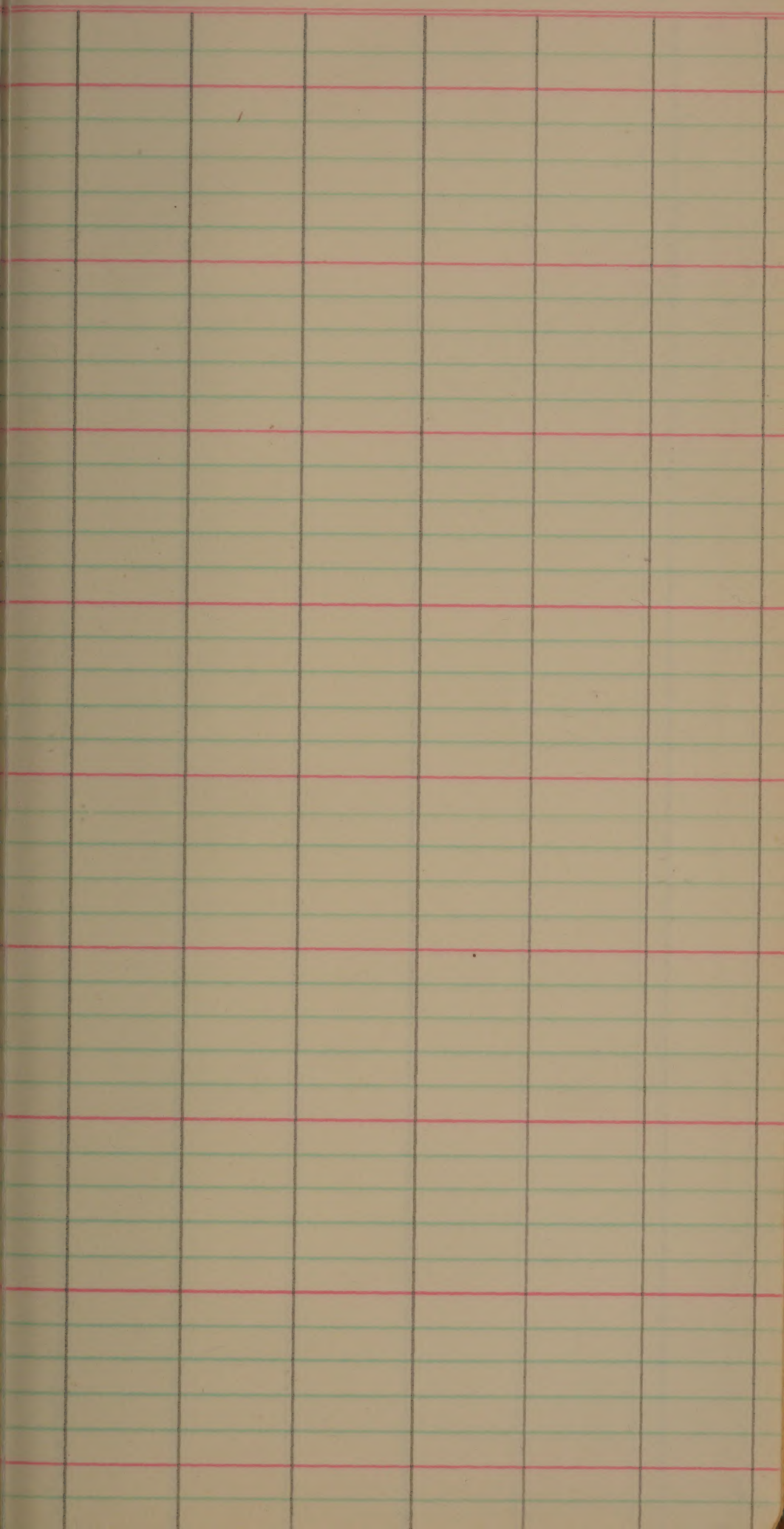


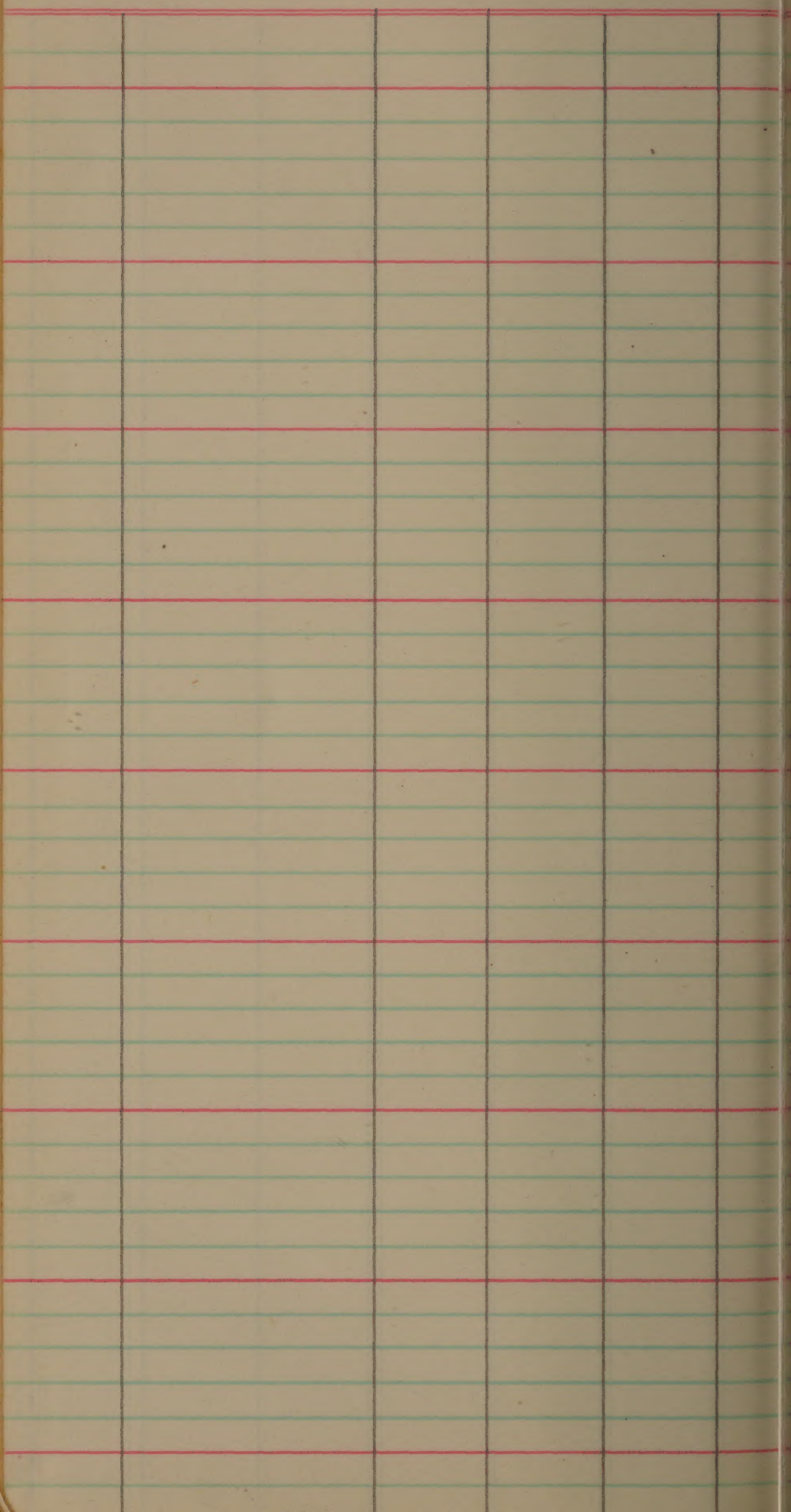


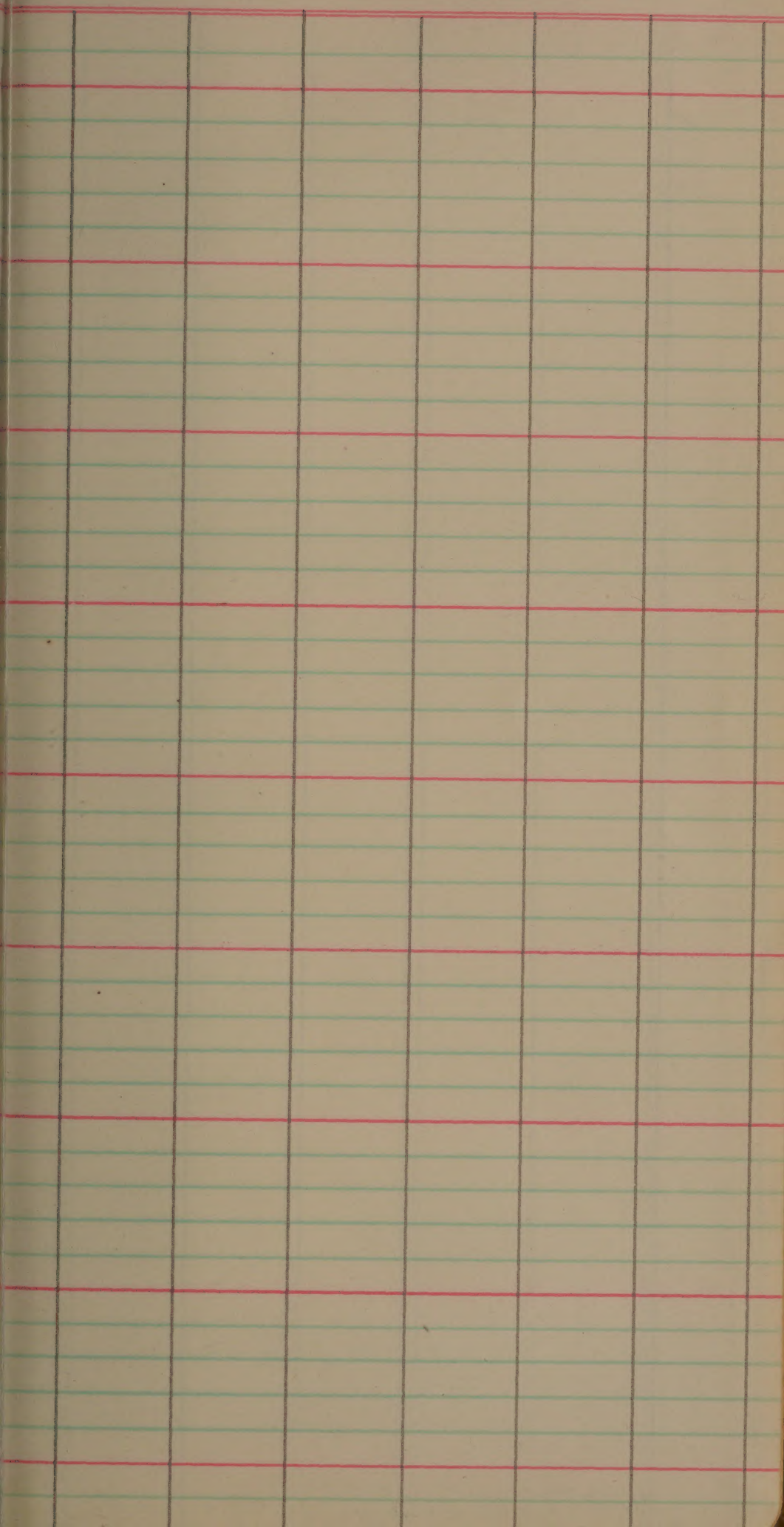


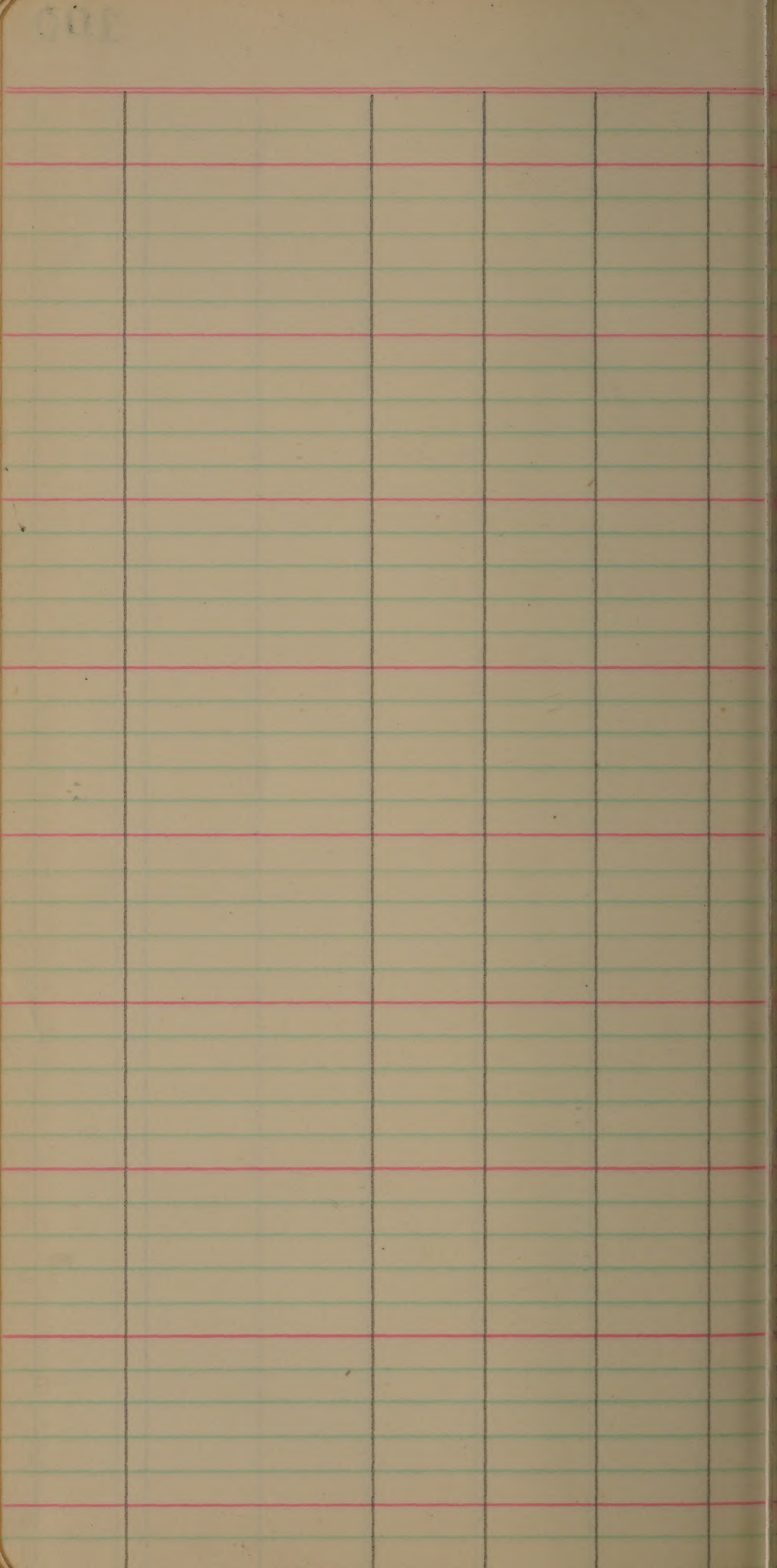


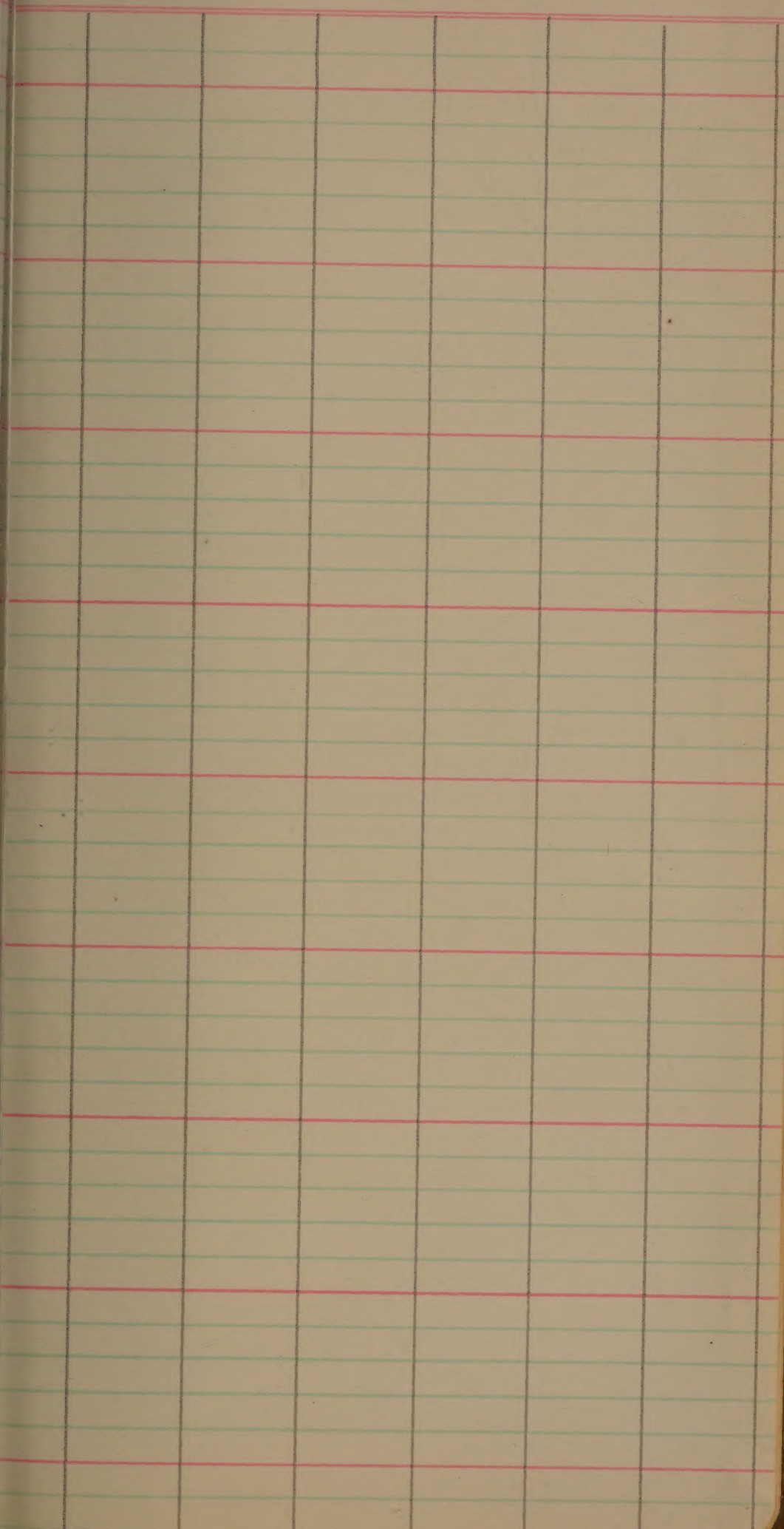


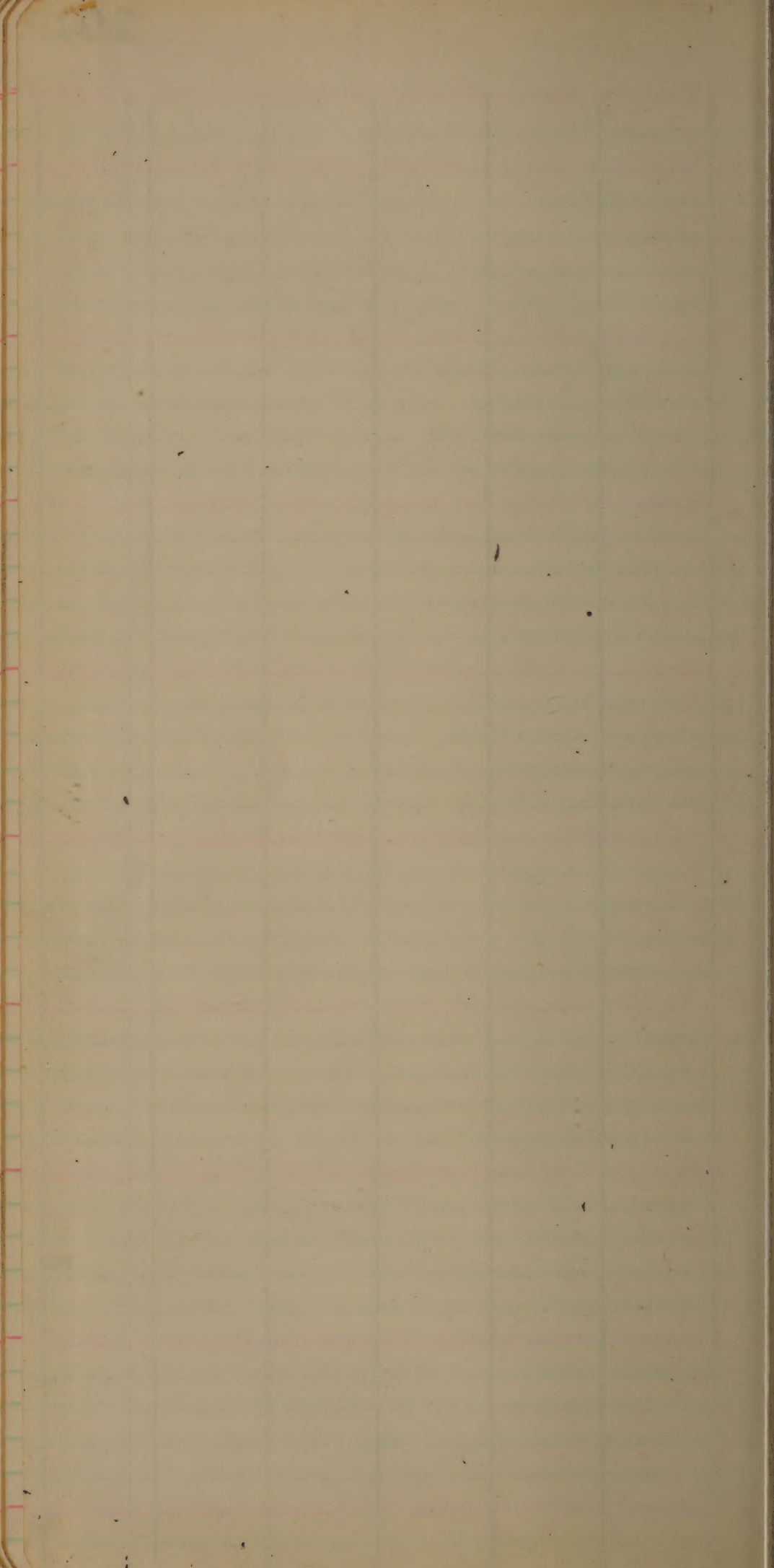












8395 Sep 10 Co

8394 Two late Prob R to Co

8393 R to Co

8392 R to Co

8391 "

8390 "

8389

Harriet following Mrs

8027

8045.

8027

8127

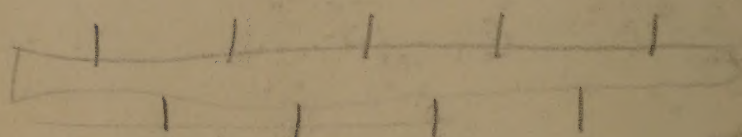
Harvest dates

no 166 on 8/23 ✓

no 162 on 8/21 ✓

Length of 2 x 4's = 12 feet

Use 10' nails every 8"



Notes on:

Ado Nurse 9/2

Field Plots

~~8/8~~

are there $\frac{2225}{47}$ miles in breeding runs
if not same smooth from 176 (yes)

8273

B30 type

clean

6763-75 Karang-srang for Amdein

Same as 287

5
v
e
ab

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBRE CROPS AND DISEASES

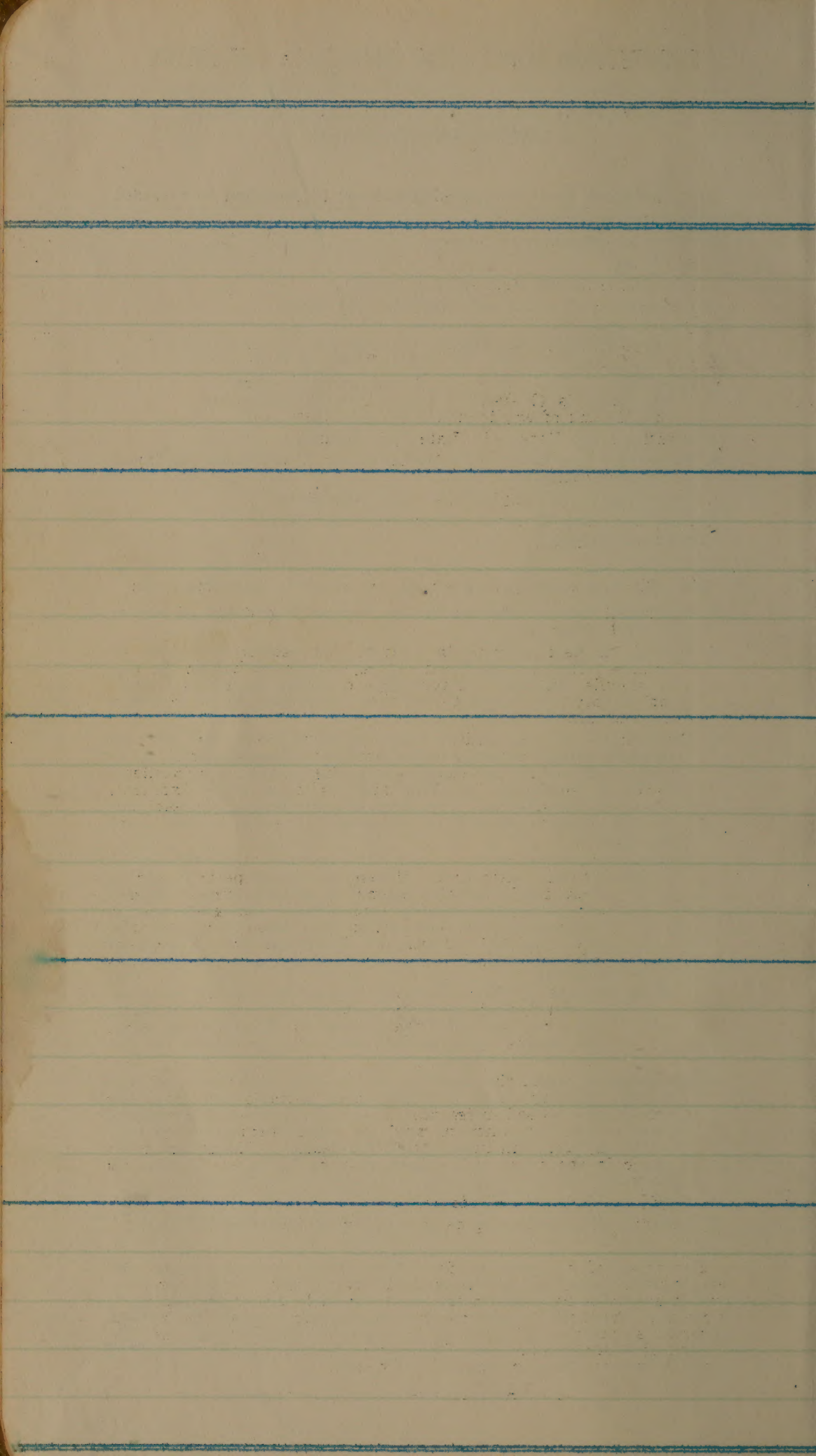
It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
(a) Area in square feet (b) Number of rows
(c) Length of rows (d) Width of rows
6. Fertilizer: (a) Pounds per acre
(b) Analysis (N-P-K) (c) Time of application
(d) Method of application (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
(a) GENERAL.—Attach by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
(b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.



Preliminary Nursery

161 - 294

Field Plots

301 - 349

309 Stran TP

316 403/A1-1-13

325 Rexork del

329 347B44-13

333 Rexork

337 403/A1-24

335 403/A1-1-8

338 Heel

343 TPXR

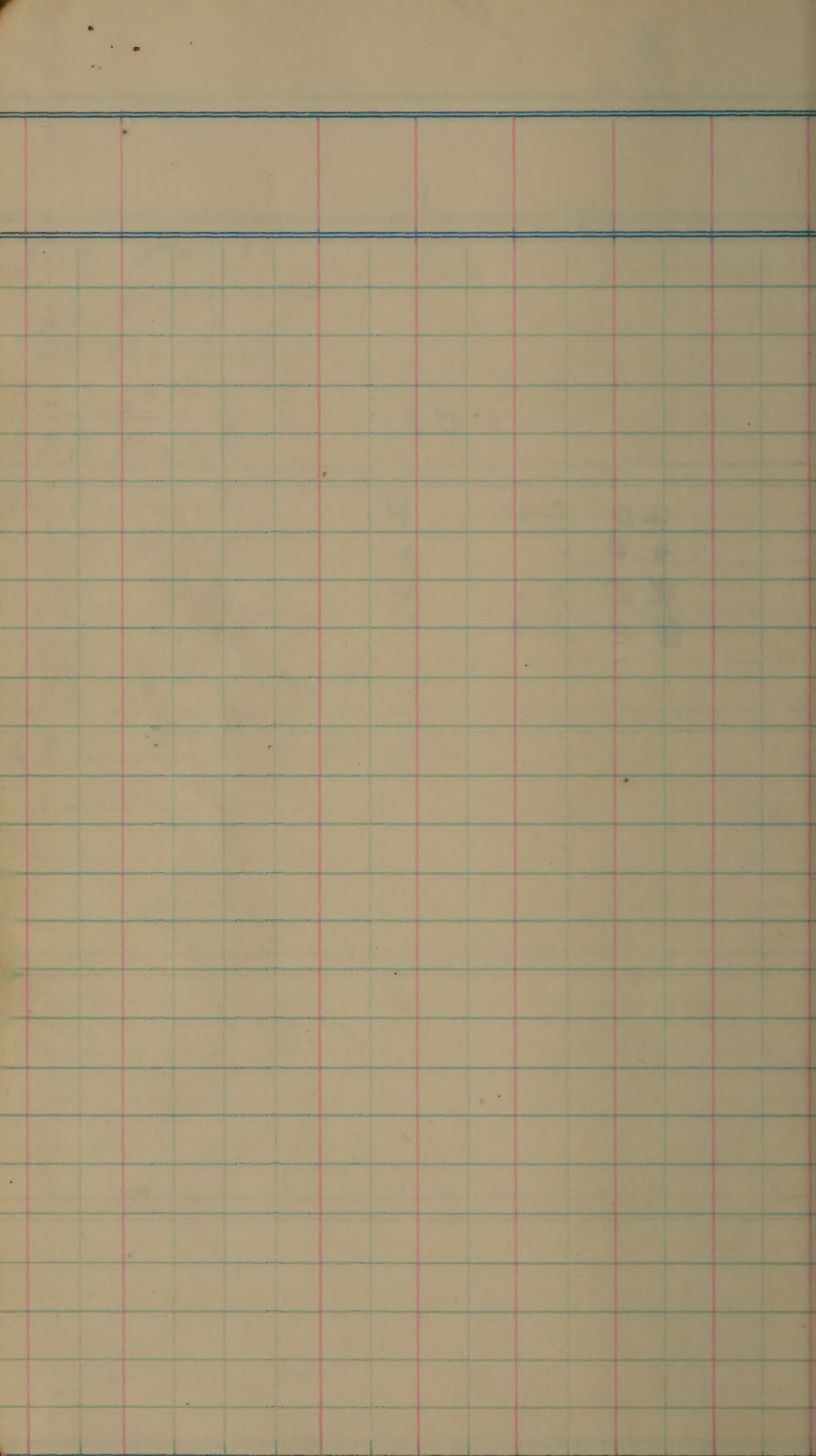
346 TPXR-7689

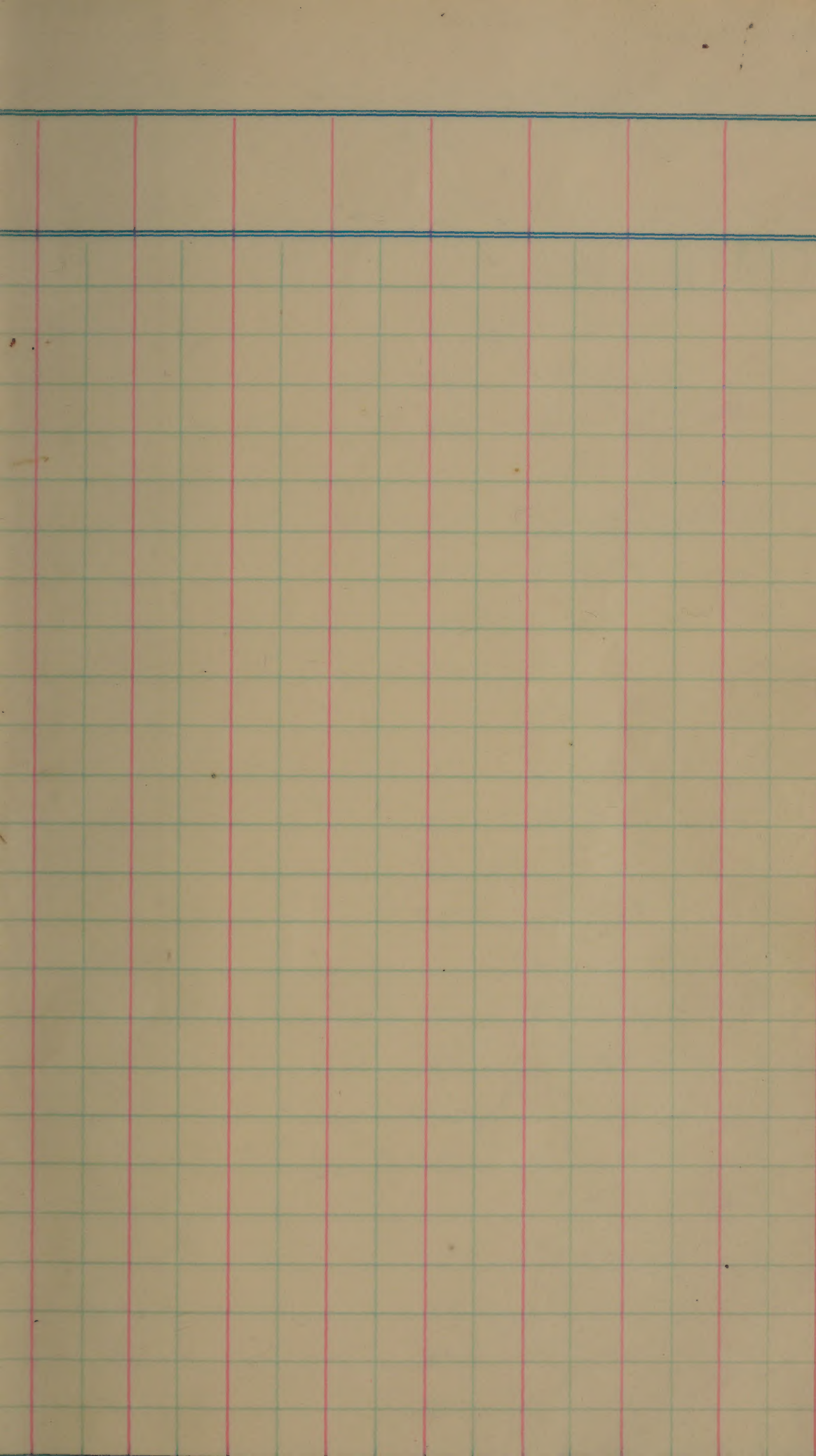
342 63-12

86

90

20	20	4
30	2	3
40	20	2
80	80	1





1 ^{photomicro} Midseason maturing medium-grain V

Field Plot Variety Test.

Length 42.2 feet or
84.4 feet for 2 or 1/86 A
1st Head full Ripe. Nt

301	Blue Rose	111	8/23	9/2	9/30	50
	CI-1962 (97)	111				50
	TS-7183	223				
		231	8/23		9/30	50
302	Blue Rose 41	122	8/24	9/2	9/30	48
	CI-8317 F	9				47
	TS-33108 (98)	218				
		229	8/24		9/30	47
303	B4112A5-5-1,	3	8/23	9/2	9/30	48
	SM.BR x BR41	12				51
		(96) 219				
		228	8/23		9/30	49
304	C6-I-25-12,	4	8/25	9/4	9/30	47
	BR x BR-R	15				47
		222				
		232	8/25		9/30	47
305	Caloro	5	8/3	8/14	9/10	37
	CI-1561-1 (89)	13				41
	TS-19799	220				
		227	8/3		9/10	39

ties:

Series 1 & 2 cut Oct 4

Series 3 & 4 cut Oct 20

multiply total yield in
pounds x 21.5 for yield in
rock top.

Dodging No CO.
MS

2

2

O

M-S

2

R

1

1

O

R

1

R

T

T

O

R

T

R

2

2

O

R

2

M

2

1

O

M

1-2

V T

V T

V T

V T

In over ripe stage, no Co¹/₂;
many rather short, poorly filled heads

V T no taller than BR

V T very green straw. All

longer grain and taller than 310.

Very yielding Erect leaves,
Better than BR & BR 41.

V VT Better than BR
Shorter straw than

V T 303, flops down
when ripe, as easily threshed

as 303. Better than BR & BR 41
Heavier straw than 303 (very long thin
and 10/20)

M S

M S

$$\begin{aligned} 4 &= 21.5 \\ 3 &= 28.67 \\ 2 &= 43.0 \\ 1 &= 86.0 \end{aligned}$$

4

80

$$11.63 \ 14.38 \ 26.0$$

$$10.88 \ 13.88 \ 34.8$$

$$10.00 \ 10.68 \ 20.7$$

$$9.13 \ 10.00 \ 19.1$$

$$100.6 \ 48.1 \ 2163 \checkmark$$

$$10.13 \ 13.25 \ 23.4$$

$$10.88 \ 14.00 \ 24.9$$

$$8.88 \ 9.75 \ 18.6$$

$$9.00 \ 10.38 \ 19.4$$

$$86.3 \ 41.2 \ 1855 \checkmark$$

$$11.25 \ 14.13 \ 25.4$$

$$13.38 \ 18.75 \ 32.1$$

$$10.50 \ 11.25 \ 21.8$$

$$12.25 \ 12.36 \ 24.6$$

$$103.9 \ 49.6 \ 2234 \checkmark$$

$$20.9$$

$$9.75 \ 10.36 \ 20.1$$

$$8.75 \ 9.75 \ 18.5$$

$$10.13 \ 10.00 \ 20.1$$

$$79.6 \ 38.0 \ 1711 \checkmark$$

$$9.00 \ 11.00 \ 20.0$$

$$13.13 \ 14.00 \ 27.1$$

$$9.75 \ 10.33 \ 20.1$$

$$10.88 \ 12.00 \ 22.9$$

$$90.1 \ 43.0 \ 1937 \checkmark$$

306 Conway 6 7/51 8/11 9/10 38
 CI-6949 (92) 16 43
 224 7/31 9/10 40

307 B42-2693, Bruin⁽¹⁰²⁾ Sel 230 - - - -

308 B323A2-14, (140) 7 8/29 ~~7/3~~ 10/3 44
 Rx SBR 10 44

309 (B43-280-1) ⁽⁴⁶⁵¹⁾ 217 9/15 9/24 10/14 45
 Straw TP 226

310 B438A1-104-4, 8/25 9/30 47
 SM BR BR41x8326 (4285) 8W

311 B4325A1-32-6, 8/28 9/30 48
 Bruin x F-Red (4332) 8E

312 B4356A1-17-2, 8/18 9/25 45
 8326x8323-Z (4366) 14W

313 B4321A3-21-2, 8/25 9/5 10/1 51
 BR41x F-Red (4325) 14E

314 B438A1-51-8, 8/30 9/1 10/1 46
 SM BR BR41x8326 (4281) 221W

315 B42-2693, 9/4 9/11 10/2 51
 Bruin. Sel (102) 221E

316 B403/A1-13-1-7, 9/14 9/22 10/13 42
 TP x R-SBR (4823) 225W

~~225E~~

Lodging	HO	Co	whT.
		M	1 2
0		M	1-2.
0		R	0
0		R	0
0		R	0
0		R	17
0		R	17
0		R	17
0		R	17
0		R	07
0		R	07
0		R	07

M S (Very much)
M M like Colour

Tall, some poorly filled heads

V M short straw, standing
stem good yield sl
V M later than BK. Hard to
thresh, good.

Very good growth habit, leaves stay
very green. Promising plant character.

V MT as E as BK, shorter stem
stem. Erect, thickened, slightly
Tall in stem, 2 taller
M M stem 310 good
sl. stem 3 inch green type
V M good, very green stem
green tall BP type V green
V T straw, rough hulls

like 310, except longer fuller grain
more difficult to thresh

very short straw & very green straw
20 new good plots. need gr. length

86
172

2816
1700 for 3 8

11.75 13.00 24.8

13.63 14.25 27.9

8.88 11.75 20.6

73.3 46.7 ~~2102~~ ✓

10.66 11.88 22.5 43.0 1935 ✓

12.88 16.75 29.6

14.38 16.13

30.6 57.5 2589 ✓

13.66 13.88 27.5

14.25 15.25

29.5 54.5 2451 ✓

310 for Bunsard 9.75 10.15 20.5 78.4 3526 ✓

Too many sh party
filled bundles

13.1 50.1 2253 ✓

12.4 47.4 2133 ✓

10.1 38.6 1737 ✓

13.0 49.7 2236 ✓

10.7 40.9 1840 ✓

16.88 16.0 32.9 62.9 2829 ✓

2 yd of

16

Threshed Oct 30.

Early maturing short and medium-grain

all varieties cut $\frac{9}{16}$ Tied & shocked $\frac{9}{17+18}$

317	Preclude	101	8/3	8/14	9/11	53
	CI-8311	(11) 116				51
		20		14th 9/10		
		27	8/3		9/11	52
318	C6-250-121,	102	8/1	8/11	9/10	45
	Co-BR x S-F	115				45
		(7) 17		14th 9/16		
		30	8/1		9/10	45
319	B4310A1-20	103	8/2	8/10	9/8	47
	SM.BR-BR41 x	113				47
	BR41-EP	(47) 22		14th 9/16		
		26	8/2		9/8	47
320	Early Prolific	104	8/1	8/10	9/8	49
		(5) 109		14th 9/10		49
		18				
		31	8/1		9/8	49
321	Zenith	105	8/1	8/11	9/1	46
	CI-7787	(3) 112		14th 9/16		46
		21				
		25	8/1		9/6	46

varieties:

Ldggs	Ho	Co	Ho	white Tip
				T
				1
0	Lg	M	(Lp)	T-1
		R		T 1
0		R		T-1
		R	to	T D
0		R	green bag	
				O-T
		MS		2 2
0		M-S		2
		M-		1 1
0		M		1

V M

M M

Rather bad for leaf drying
Too tall

V M

wide leaves

V M

Lower leaves die back fast.
Some poorly filled buds &
some wide leaves, largest

V T

V T

Some poorly filled buds,
V. good vegetation
Grass may be too flat

V T

V T

quite tall,

M MT

V T

V. good plot

130

4

8340	7620	35.4	35.4
7700	6960	32.3	32.3
7000	6820	30.5	30.5
7220	6340	29.9	29.9

128.10 61.2 2754 ✓

133

2

7800	6480	31.5	31.5
6820	7080	30.6	30.6
9160	8620	39.2	39.2
6760	6900	30.1	30.1

131.4 62.8 2825 ✓
~~2826~~

145

1

8640	8020	36.7	36.7
7980	7800	34.8	34.8
8360	8000	36.17	36.17
8360	7920	35.9	35.9

143.5 68.6 3085 ✓

128

6

7000	7960	32.0	32.0
6900	7180	31.0	31.0
7860	7020	32.8	32.8
7440	6380	30.5	30.5

127.3 60.8 2737 ✓

128

5

7320	7700	33.1	33.1
7200	7420	32.2	32.2
7400	7260	32.3	32.3
7060	6740	30.4	30.4

128.0 61.2 2752 ✓

- 322 B411A3-7-2, 106 7/30 8/10 9/5 45
 8323 xZ 110 43
 (54) 24
 32 7/30 9/5 44
 irregular height and heading
- 323 Magnolia 107 8/1 8/12 9/6 45
 CI-8318 (4) 111 45
 23
 28 8/1 9/6 45
- 324 B4031A1-1-8, 108 8/2 8/11 9/3 43
 TPxR-SBR 114 41
 (31) 19
 29 8/2 9/3 42

Lodging HO CO

M

3

3

O

M

3

M

L

2

O

M

1-2

R

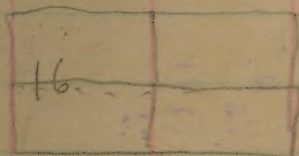
T

T

O

R

T



18

7

5

V T

V T

Irregular let, 1 gram type,
shorter than Z.

dries back like Z good plot

V T

V T

dries back faster than
Z with, good plot.

V T
narrower lines
but v. good

Over ripe when har.

1, 250/4
pan

So Math

113.0

6460 6960 29.59 29.6

6260 6440 28.00 28.0

6480 5940 27.38 27.4

6380 6220 27.78 27.8

112.75 112.8 53.9 2425

6680 7020 30.20 30.2

6800 6860 30.11 30.1

7600 6700 31.53 31.5

7240 6520 30.34 30.3

122.18 122.1 58.3 2625

14-11g 15-4g 14.69 15.25 29.94 29.9

15-15g 16-9g 15.94 16.56 32.50 32.5

17-2g 16-12g 17.12 16.75 33.87 33.9

17-7g 15-4g 17.44 15.25 32.69 32.7

129.00 129.0 61.6 2774

Threshed Oct 30

Cut 10% A+B tied + shocked 10/2

Midseason micturing ^{cut 10% tied + shocked 10/2} long and long sl

325 B46-4799, Rexark Sel. 201 9/22 8/5 9/25 51 10/1
 209 45
 (44) 224

228 8/22 9/25 48

326 Nira 202 8/31 9/14 10/3 62 10/1
 CI-2702 (59) 211 59
 TS-19926 121 8/31 10/3 60
 126

327 B347B40-9, 203 8/28 9/10 10/1 50 10/1
 RxN 212 47
 CI-8975 118 8/28 10/1 48
 125

328 Rexark 204 8/15 8/25 9/14 46 10/1
 CI-8644 (26) 214 44
 123 8/15 9/14 45
 130

329 B347B44-13, 205 8/28 9/10 10/1 50 10/1
 RxN (60) 215 49
 119 8/28 10/1 49
 127

in grain varieties:

Ho Co

whT

MR

O

MR

O

R

no Co when cut

O

R

O

R

no Co when limited

O

R

O

S

O

S

O

R

O

R

O

Shorter & fuller grain
than Bkt.

Shorter (slightly) straw and
more uniform lit than Bkt,
heavier sturdier straw,
much less leaf/stem browning
and drying.

Some CO when cut 10%

Extremely tall, all
immature when cut.

Exceptionally good straw
grain grain at base of panicle
Tips ripe. Straw very
green when cut 10%

^{slow}
over ripe when harvested
standing fairly well

no CO when harvested at 10%
1. green vegetation, looks
very good.

152
1

9320	9320	41.09	41.49	
7120	7380	31.97	32.0	2.0
9300	8620	39.51	39.5	
9600	8240	39.33	39.3	
		151.90	151.9	72.6 3266 ✓

121.5
5

7000	6800	30.42	30.4	
6040	5740	25.97	26.0	6.0
7660	6760	31.79	31.8	
7700	7500	33.07	33.1	21.
		121.25	121.3	58.9 2608 ✓

134.0
✓

7900	8140	35.36	35.4	
7000	7020	30.91	30.9	80.9
8460	7180	34.48	34.5	
7800	7300	33.29	33.3	
		134.04	134.1	64.1 2883 ✓

102
8

5120	4740	21.74	21.7	
4900	4780	21.34	21.3	
6700	6400	28.88	28.9	
6900	6620	29.81	29.8	101.7
		101.77	101.7	48.6 2187 ✓

130.0

7100	7300	31.75	31.8	
6580	7080	30.11	30.1	30.1
7800	7180	33.02	33.0	
8040	7840	35.01	35.0	35.0
		129.89	129.9	62.1 2793 ✓

3

330	Bluebonnet	206	8/23	9/2	9/23	49	10
	CI-8322	216				49	
	TS-33104 (67)	120	8/23		9/23	49	
		131					

331	B45-2382	207	8/23	9/4	9/25	44	10
	Bluebonnet	210				46	
	Sel. (88)	122	8/25		9/25	45	
		129					

332	TEXAS Fortuna (TX)	208	8/24	9/7	9/30	51	10
	CI-1344	213				51	
	TS-9821 (69)	117	8/28		9/30	51	
		132					

Lodges Ho Co Ho ~~Ho~~ wht
74

S

0

S

0

M-S

0

MS

0

M-S

0

MS

0

Very badly discolored when
harvested in 10% standing more
erect than *Fortuna*

Leaf and stem browning is
much less severe than BBT
Is also shorter lts. Has very
short tip awn

quite tall, beginning to
tangle some when cut 10%

114.5

5620 5920 25.44 25.4

6380 6140 27.60 27.6

7140 6480 30.03 30.0

7340 6720 31.00 31.0

114.07 114.0 54.5 2451 ✓

6300 6400 28.00 28.0

5100 6120 24.74 24.7

6300 7300 29.98 30.0

7300 6800 31.08 31.1

113.80 113.8 54.4 2447 ✓

6120 5940 26.59 26.6

5860 5700 25.49 25.5

7780 6740 32.01 32.0

6240 6940 29.06 29.1

113.15 113.2 54.1 2434 ✓

check total
with

114

113.75

337 A1

Threshed November 24,

338 A1

(except 335)

Early maturing, long and long

cut tied & shocked 9/28 or 9/29

333	Remark	301	8/14	8/24	9/13	46
	CI-8644	310				45
	(26 x 6)	422	8/14		9/13	45
		428				

334	B403/A1-3, A	302	8/14	8/24	9/12	42
	TPxR-SBR	313				40
	(66)	420	8/14		9/12	41
		430				

335	B403/A1-1-8,	303	8/6	8/15	9/7	44
	TPxR-SBR	311				42
	poor material (31)	418	8/6		9/7	43
	on A1 + B1	427				

336	Bluebonnet	304	8/23	9/2	9/19	50
	fair on A1 + B1	309				50
	CI.	419	8/23		9/19	50
		432				

337	B403/A1-24-1-2,	305	8/14	8/24	9/19	46
	TPxR-SBR	314				46
	fair on A1 + B1 (28)	417	8/16		9/19	46
		429				

slender-grain varieties:

Lodging No CO ~~Re~~ ^{white} Tip

MS 0

0 MS 0

R 1

Trace 2

0 ^{when overripe} T 1-2

T
T

0 T T

S

0 S 0

Rust
transmission
overripe T
1

0 T T-1

v. good, making a most spreading
sl. heavier veg growth than best of TPK
R-SBK's on 7/31

not standing as well as
TPK-SBK's on 9/28

Dry yield

Some lodging in 1st series

Short sturdy stem - heads
not as well filled as A1-1-8.
good

Badly over ripe when cut
Better heads and more heads
than A1-3-3 Very good

Dry plot, drying back

(making a very good veg growth
definitely better than A1-3-3, Taller 7/31)
Taller than A4-4/ on 7/31

So North

13.50 17.50 31.00 31.0 31.0

10.50 14.88 25.38 25.4

14.13 16.75 30.88 30.9

13.75 16.25 30.00 30.0 117.2

117.26 117.3 56.0 2522✓

11.63 17.00 28.63 28.6

8.63 14.75 23.38 23.4

14.75 13.63 28.38 28.4

14.88 15.22 30.10 30.1

110.39 110.5 52.8 2376✓

10.88 18.25 29.13 29.1

9.38 15.31 24.69 24.7

12.56 17.56 30.12 30.1

14.12 16.56 30.68 30.7

46.94 67.68 114.62 114.6 54.8 246.4✓

11.88 17.50 29.38 29.4

27.00 27.00 27.0

16.00 16.75 32.75 32.8

15.63 17.50 33.13 33.1

44.51 78.75 122.26 122.3 58.4 2629✓

17.25 17.30 34.5 34.5

12.88 17.50 30.38 30.4

16.50 16.75 33.25 33.2

17.25 17.25 34.50 34.5

63.88 69.10 132.6 63.4 2856

132.13

15.50
11.50
27.0078 250
49 50
122751.88 Strait
train
Bundles
63
09
13

338 Hill Patna 306 8/14 8/26 9/16 51
 (25) 316 Earliest broods out on 8/15
 421 8/16 9/16 51
 431

339 B4033A4-47, 307 8/13 9/12 9/21 46
 TPxR-7689 315 47
 (82) 423 8/23 9/21 46
 426

340 C4-II-8-14-5, 308 8/23 8/31 9/19 50
 RxBR-R 312 49
 (17) 424 8/23 9/19 49
 425

Lodging Ho Co

S

O S O

S-M

O MS O

S T
T
S T

O S T

Beginning to lean on 9/28
not standing as well as Bkt.

As tall as A1-24 but
shorter heads, stands very
well, more so than TP & SBK
Heads too short,

Does not dry as fast as Bkt.
Good yield but weak
straw, Not taller than Bkt but
thinner straw which dries
back as fast as Bkt.
Same mat as Bkt.

49.38
61.38
110.76

12.88 15.88 28.76 28.8

8.25 15.50 23.75 23.8

13.75 14.50 28.25 28.35

14.50 15.50 30.00 30.0

49.38 61.38 110.76 110.9 53.9 2384✓

13.00 17.25 30.25 30.3

12.35 17.35 29.70 29.7

15.75 16.63 32.38 32.4

15.13 15.50 30.63 30.6

122.96 123.0 58.8 2645✓

10.38 15.50 25.88 25.9

13.38 13.88 27.26 27.3

14.88 16.00 30.88 30.9

15.13 17.75 33.88 33.9

117.90 118.0 56.4 2537✓

Late maturing varieties:

Nov 23

Threshed 11/23 and 24

341 B321B40-3, 401 9/10 9/20 10/10
 RxD 416
 CI-8343 (128) 321 9/10 10/10
 327

342 C3-12, 402 9/19 9/31 10/26
 7/8 Rexoro 415
 319 9/19 10/26
 325

343 B4035B44-11-4, 403 9/13 9/22 10/14 -
 TPxR (858) 412

344 B347B41-4 317 10/1 10/2 11/5 -
 RxN (149) 330

345 C3-22 404 9/21 9/30 10/24
 7/8 Rexoro (115) 409
 322 9/21 10/24 -
 328

346 B4033A4-38-1-17, 405 9/19 9/29 10/21
 TPxR-7689 (135) 411
 318 9/19 10/21 -
 329

HO CO HO

bad

M-S

bad

MS

o

R

o

R

o

ln

S

o

ln

R

o

R-

o

R

o

R-M

o

MR

o

exceptionally dark green on 7/31

leaves stay quite green after
ripening; considerable CO
Some green leaves on 10/25, standing
O.K.
slow) & good avg growth, tall on 7/31

Very erect flag leaves. Too
tall, many green leaves on 10/25
standing very well.
Prob best strain on any var. in group
fast. shorter + lighter green than
very sturdy on
342 on 7/31

Leaves stay greener than T. Patna
shorter straw.

Straw bolls, red short straw,
Very leafy;

foot st. taller than 343 but
not as tall as 342 on 7/31

Flag leaves are not erect
when ripe. St. more green
leaves than 346 on 10/25. No CO

foot not so tall as 78 Ra on 7/31 but
more spreading

considerable green leaves on 10/25
Stalks quite firm would stand
good wind O.K. Considerable CO
on some plants

20.50 15.63 36.13 36.13

16.88 14.75 31.63 31.63

15.38 16.25 31.63 31.63

13.38 14.00 27.38 27.4

66.14 60.63 126.77 126.7 60.5 2724 ✓

18.88 14.38 33.26 33.3

16.25 13.88 30.13 30.13

12.00 13.63 25.63 25.63

15.88 15.13 31.01 31.0

63.01 57.02 120.03 120.0 57.3 2580 ✓

14.38 11.63 26.01 26.0

14.50 10.50 25.00 25.0

51.01 51.01 48.7 2193 ✓

28.88 22.13

11.75 13.75 25.50 25.5

16.50 18.50 35.00 35.0

15.63 11.38 27.01 27.0

16.13 12.13 28.26 28.3

15.00 12.63 27.63 27.6

13.63 13.50 27.13 27.1

60.39 49.64 110.03 110.0 52.6 2365 ✓

17.50 14.38 31.88 31.9

16.25 12.68 28.93 28.9

9.88 11.88 21.76 21.8

13.88 13.68 27.56 27.6

57.51 52.62 110.13 110.2 52.6 2369 ✓

347 B4030A3-13, 406 9/7 9/17 10/9
 R-7689x ~~EP~~ 414
 (83) 326 9/7 10/9 -
 331

348 Texas Patna Set A to 7 9/15 9/26 10/16
 CI-8321-1 (120) 410
 TS-33106 324 9/15 10/16
 326

349 Rexoro 408 9/26 10/5 10/29
 CI-1779 (113) 413
 TS-19806 323 9/26 10/29
 332

Co Ho

bad

R-M
possibly
sign

bad

MR

o

bad

S

bad

S

o

S

o

S

o

(quite erect & dark
green narrow leaves)
on 7/31

A few green leaves on 10/26
Very little CO showing
Some plants immature

Practically all leaves dead on 10/25.
Standing OK, but heavy rain
or wind would put it down

Highly 5% CO on 9/5

✓

19.50 16.00 35.50 35.50

14.25 17.00 31.25 31.35

17.38 13.13 30.51 30.51

19.50 19.50 39.00 39.0

70.63 65.63 136.26 136.3 65.1 2930 ✓

14.25 9.75 24.00 24.0

13.25 8.38 21.63 21.6

8.75 9.00 17.75 17.8

9.13 9.75 18.88 18.9

45.38 36.88 82.26 82.3 39.3 1769 ✓

14.63 11.38 26.01 26.0

18.50 10.75 29.25 29.3

12.88 11.50 24.38 24.4

13.38 14.75 28.13 28.1

59.39 48.38 107.77 107.8 51.5 2318 ✓

fully budget
then converted
more consistent
other way. adjust
account to year
low

161 CI-7132 1101 8/2 8/10 8/30 60
Glutinous

(203) 8/2 8/30 60

162 CI-5309 1102 7/22 7/31 8/17 58
Glutinous (204) Harvested 8/21

7/22 8/17 58

163 B423B44-5, 1103 8/1 8/7 9/4 52
BR41-EPx

cut grass K-7143 (207) 8/1 9/4 52

From the Eagle Lake area

164 B437A1-7, 1104 8/1 8/9 9/5 47
SM.BR-BR41

x 8323 (208) Very easily threshed
V. green straw

8323 straw Type, V. good

8/1 9/5 47

165 B43-2113, 1105 7/20 8/1 8/20 44
COxBR Rogue (211)

2 reg. heading & ht.

Badly mixed

7/20 8/20 44

done

Sadgig Ho Co Ho H

R R

o R R ~~R~~ o

R R

o R R ~~R~~ o

R

o R o

R

o R o

R 1

o R 1

M VT

M VT
very thin

VU T
V good

very uniform, an exceptional
ep type, easily threaded

V T

V T

354 47.2 2124

396 52.8 2376

618 82.4 3708

596 79.5 3576

435 58.0 2610

166

C411A

8323xZ

(212)

1106

7/26

8/1

8/22

42

8/2

uni heading + 1st
except for a few letters
Hatched 8/23

7/26

8/22

42

167

EI-8323

1107

7/23

8/2

8/30

46

9/1

(213)

7/23

8/30

46

Round

168

B44 2047,

1108

7/31

8/6

48

9/1

Smooth EP (279)

7/31

8/30

48

169

B3810 B44-28-6, 1109

8/7

8/17

9/6

48

9/1

S-EPx CA-Cdy (2108)

8/7

9/6

48

170

B3810 A ~~171~~ Sel. 1110

7/23

8/1

8/29

42

9/1

(2117)

7/23

8/29

42

Lodges	Ho	Co	Ho	nh tip
		R		0
0		R		0
		R		1
0		R		1
		R		0
0		R		0
		S		0
0		S		0
		R		0
0		R		0

V MT

V T

M T

V T

Grows must too tall, med.
gr. type, big yield
stems very well

V MT

extremely easy to thresh
short straw
good grain, good heads
straw stays green long time

481 64.1 2886

630 84.0 3780

788 105.1 4728

456 60.8 2736

452 60.3 2712

171 B3810A1-17-1-1 Sel 7/27 ^{8/10} 8/30 46 9/10
draw (243) many lots
 7/27 8/30 46

172 B4045B1-2-3, 8/6 ^{8/15} 9/10 48 9/10
 R-SBR x BR41 (217)
 8/6 9/10 48

173 B4045B44-1-7, 8/2 ^{8/10} 9/5 46 9/10
 R-SBR x BR41 (2011)
 8/2 9/5 46

174 B4045B44-8-7, 8/14 ^{8/23} 9/15 9/10
cut queen R-SBR x BR41 (2048)
 8/14 9/15 -

irregular hits
 many empty

175 B4045B44-8-16, 7/20 ^{8/7} 46 9/10
 R-SBR x BR41 (2050) Some very good catches
draw 7/20 Segr 46

Co

He

mh
Tip

R

o

o

R

o

R

o

o

R

o

R

o

o

R

o

R

o

o

R

o

R

↑

o

R

T

V VT

much taller than 170
segs., disc

M MT

var, thin Too tall, easily
threshed, good yield, good
med-gr type

V T

drooping straw type, fairly
easy to thresh, good yield

V T

Hard to thresh, V. heavy yield,
sturdy, short straw, Adm
good med-gr type, smooth

V T
thin

367 48.9-2202

500 66.7 3000

458 61.1 2748

522 69.6 3132

466 62.1 2796

176

B437A1-12-6,

SM.BRx 8323 (2225)

8/2 8/11 9/7 45 9/11

8/2 9/7 45

177

Early Prolific

(Crowley) (240)

7/29 8/8 9/3 51 9/11

7/29 9/3 51

178

Hill Medium

(ANSeline) (206)

7/30 8/7 9/30 39 9/11

7/30 8/30 39

179

B44-2647-3-1-3,

Hill Medium (2613)

8/8 8/18 9/8 45 9/11

8/8 9/8 45

180

B44-2647-3-1-4,

Hill Medium (2614)

8/8 8/18 9/8 45 9/11

8/8 9/8 45

Plants Poor on Hill

increasing in height to front uniformly

HO

CO

H

nh
Tup

R

o

o

R

o

M

1

o

M

1

large
spots

R

lg

1

o

lg

R

lg

1

large
spots

R

lg

T

o

lg

R

lg

T

R

T

o

R

T

V M

Fairly short straw, easy to
to thresh, good, med-green type
Segr. Rough & smooth
Very green seg.

V VT

not nearly as productive as 17
much taller

V MT

V M (Taller, more vigorous
than 178 on 7/31) ✓
wider leaves
than 178
later, taller, more vigorous
than original S

V M

Same as 179

Same as 179 when ripe

564 75.2 3384

451 60.1 2706

509 67.9 3054

671 89.5 4026

671 89.5 4026

181 Edith

7/31 8/8 9/1 53 9/16

(201) 7/31 7/1 53

182 B43-2098

8/2 8/10 9/3 55 9/16

Edith Sel.

(202)

8/2 9/3 55

183 B46-4799,
Rexark Sel.

8/16 8/27 9/16 47

(44) 8/16 9/16 47

184 B46-4856
Rexark Sel.

8/9 8/23 9/10 45 9/16

(45) 8/9 9/10 45

185 B46-4799-8,
Rexark Sel

8/14 8/24 9/16 47

(3131) 8/16 9/16 47

	1/2	CO	Tip
		M-S	0
0		MS	0
		R	T
0		R	T
		M-R	0
0		MR	0
		R-S	0
		Segu	
0		Segu	0
		M-R	0
0		MR	0

V T
very thin

V T
thin Taller than Edith,
less CO. no value.

V T
good
good short stemmed BBT type

M MT
thin stand less slender
like original¹ with stem hulls
longer grain, considerable segr.
make sub. Segr gold straw

V T
very good
much like 183, possibly more
uniform

470 62.7 2820

435 58.0 2610

803 107.1 4818

660 88.0 3960

629 83.9 3774

186 B46-4803-9, 8/14 8/23 9/16 44 9/16
 Rexark Sel.

*no sel. in
 Br. nung. like
 make*

(314) 8/14 9/16 44

187 B46-4769 8/16 8/24 9/16 45 9/16
 Rexark Sel.

(228) 8/16 9/16 45

188 B46-4785, 8/10 8/21 9/10 47 9/16
 Rexark Sel.

(229) 8/10 9/10 47

watch

189 B46-4796, 8/9 8/22 9/13 44 9/16
 Rexark Sel

(230) 8/9 9/13 44

a bit of irregular growth

190 B46-4864, 8/7 8/17 9/8 47 9/16
 Rexark Sel.

(232) 8/7 9/8 47

check

Ho	Co	1	ph
	R		

0	R		0
---	---	--	---

	M-S		
0	MS		0

	M-S	large spots	
0	MS	lg	0

	← M-S	large spot	
0	lg	MS	0

	← S	large spot	
0	lg	S	0

M M

gold hulls, resembles original
but later, longer grain, less
sterility, very good
sturdier straw & less disease

M T

Very much like 183

M M

much like original, sl. later
longer grain, very little
sterility

V T

Very much like 188

M MT

like original
very uniform

740 98.7 4440

622 82.9 3732

540 72.0 3240

566 75.5 3396

445 59.3 2670

191

B46-4798,

8/14

8/28

9/15

47

9/16

Dist

Remark Sel.

(231) 8/14

9/15

47

irregular hts?

192

B4033A4-43-6-2,

9/21

9/29

9/28

47

9/16

(Rogue)

TPxR-7689

(258) 8/21

9/28

47

193

B4033A4-43-4-3,

8/17

8/24

9/23

45

9/16

TPxR-7689

(259) 8/17

9/23

45

Ho

Co

~~Bo~~

sub
trip

S

o

o

S

o

R

o

o

R

o

S

o

S

o

M MT
Very poor stand
Too tall, dense

V M
Very good Bfst type, grain
shorter fuller, later

V M

506 67.5 3036

595 79.3 3570

730 97.3 4380

mature

medium long & long slender

194 B44-2951,

Tamen

Purple Nira

(1134) 8/21 8/31 9/27 48

(245) 8/21 9/27 48

cut
guard

195 B3812A1-2-2,

1645-5309xS-F

8/4 8/16 9/10 45

many off types present

(246) Purple

8/4 9/10 45

minkish

196 B322B44-2,

RxF

8/17 8/22 9/19 45

(257) 8/17 9/19 45

Disc

197 S45V154,

RxN Sel.

8/21 9/1 9/24 47

(268) 8/21 9/24 47

Disc

198 B347B44-8

RxN

8/22 9/1 9/24 47

(270) 8/22 9/24 47

cut
guard
Very good

varieties

Ho Go Ho

R

TV

O R - O

R

R

RM

V

O R R R O

M-R

TV

O MR O

R

TV

O R O

R

TV

O R O

V VT

V M

V MT

VT T

V T

like 8975

233 ^{damaged} 31.1 1398

392 ✓ 52.3 2352

548 73.1 3288

507 67.6 3042

572 ✓ 76.3 3432

199 B347B44-9,
RxN

8/14 8/23 9/12 49

cut
guard

max leaf
habit when
ripe
(flop drop)

266 8/14 9/12 49

200 B347B44-23,
RxN

8/14 8/23 9/22 47

269 8/16 9/22 47

like 8975

201 B347B44-26,
RxN

8/21 9/1 9/24 48

267 8/21 9/24 48

202 B347B45-7,
RxN

8/21 8/31 9/24 47

272 8/21 9/24 47

203 B347B45-9,
RxN

8/21 8/31 10/1 51

cut
guard for back
extremely long
guard

273 8/21 10/1 51

Lodging

CO

R

0

R

0

R

0

R

0

R

0

R

0

R

0

R

0

R

0

R

0

M T (Heavy stools like 8878)
drooping leaves (dark green color, Standing)
very well, 7/31

Earlier than other R x N's, Taller
than some, V. good heads, As early
as Bt, looks heavier

V T

V T

V T

M M
rather thin
stand

587 78.3 3522

438 58.4 2628

473 63.1 2838

473 63.1 2838

587 78.3 3522

204 B352A11-2-3-2, 9/1 9/11 10/7 54 $\frac{10}{9}$
K x R

cut ground 254 9/1 10/7 54

205 Hyb Mix-10-44-4, 9/8 10/10 53 $\frac{10}{9}$
TP + R x R-D

262 9/8 10/10 53

206 B45-2379-1-3, 8/16 8/20 9/15 47 $\frac{9}{2}$
Bluebonnet Sel.

3438 8/16 9/15 47

207 B45-2379-9-10, 8/16 8/20 9/16 48 $\frac{9}{2}$
Bluebonnet Sel.

3576 8/16 9/16 48

208 B45-2379-6-1, 8/16 8/20 9/16 47 $\frac{9}{2}$
Bluebonnet Sel.

3529 8/16 9/16 47

cut ground
showing
outstanding
some variation
in grain length

CO

Li

R

0

R

0

S

0

S

0

R

0

R

0

R

0

R

0

R

0

R

0

V S
Strap hulls
rather tall
Very good,

V T

M M

not as good as 208
but better than 207
Very long grain type

S M
poor stand

M M
vegetation stays green
much longer than any
other Sel
Shorter grain than 208

624 83.2 3744

576 76.8 3456

618 82.4 3708

625 83.3 3750

602 80.3 3612

209 B47-3643,
Bluebonnet Sel.

3643 8/15 8/24 9/15 49 9/21

210 B46-4257-1,
Bluebonnet Sel.

3382 8/15 8/25 9/18 47 9/21

Handwritten: 11/10 gold hull
long, large seeded

211 B46-4281-4,
Bluebonnet Sel.

3435 8/22 9/2 9/24 48 9/21

Handwritten: 11/10

212 B4033 A4-30-4,
TPxR-7689 ~~Bluebonnet Sel.~~

3329 8/21 8/28 9/21 47 9/21

213 B47-3503,
Bluebonnet Sel.

3503 8/16 8/24 9/17 48 9/21

Handwritten: disc

CO

St

0

St

0

R

0

R

0

R

0

R

0

S-R

Segr.

Segr.

0

0

St

0

St

0

S M

V T (not typical BBT growth
on 2/31, taller + narrower
leaves)

MV M

V M

MV MS

513 68.4 3078

481 64.1 2886

684 91.2 4104

568 75.7 3408

502 66.9 3012

214 B47-3054, 8/21 8/29 9/16 42 1/2
 Remark Roque.

Good
 mud gr.
 smooth bulb

3054 8/21 9/16 42

215 B406, 8/21 9/3 10/2 51 1/4
 FxRed

281 8/21 10/2 51

216 CI-5399, 8/19 8/31 10/2 40 1/4
 Glutinous

275 8/19 10/2 40

217 Guneki' 8/13 8/24 9/13 37 1/2

278 8/13 9/13 37

irregular lts?

218 B323 B45-4, 9/13 9/30 49 1/4
 RxSBR

287 - ~~9/13~~ 9/30 49

Good
 mud

CO
R

O R O

R

/

O R /

R

/

O R /

R

O R O

S

O S O

V S
rather wide
drooping leaves.
V. good, clean sturdy straw,
not too tall promising

M T

M M
narrow leaves.

S VS

V M Gold smooth
wide leaves
fairly short straw, very sturdy
rather wide leaves
fairly easy to thresh
a long mid-g type BP type
only few good

612 ✓ 81.6 3672

527 70.3 3162

445 59.3 2670

397 52.9 2382

399 53.2 2394

219 B3810A9-3,
S-EPx CA-Cdy

0/28 9/9 9/28 55 9/9
280 8/28 9/28 55

220 B439A1-5,
SM.BR x 3715A36

8/19 8/28 9/25 50 10/9
295 8/19 9/25 50

221 B4044A3-4-2-26
R-SBR x BR

8/21 8/31 9/16 48 9/21
2003 8/21 9/16 48

222 B4044A3-4-2,
R-SBR x BR

8/7 8/15 9/10 47 9/21
218 8/7 9/10 47

223 B4044A3-4-2-11,
R-SBR x BR

9/12 10/4 52 10/9
250 — 10/4 52

00

R

0

R

0

R

0

R

0

St

0

St

0

R

0

R

0

R

0

R

0

V VT
Very tall, smooth short
grain

V T
Very good

3715A 36 head + leaf type
good, smooth

Thin strand type ~~smooth~~

M M (Pure Rex growth character)
(leaf color + growth habit)
even though $\frac{3}{4}$ BR, 7/31
Fairly tall, does not stool enough.
poorly filled heads
Fuller grain than Rex

V T (nanopur leaves + not as
erect, growing as 22)
on 7/31
very good
like 220

Willow straw, many dead
leaves prob no value

V VT (much taller on 7/31 than
either 221 or 222,
very good leaves more spreading
Very much like 224, but
more irregular in ht.

593 79.1 3558

671 89.5 4026

434 57.9 2604

386 51.5 2316

531 70.8 3186

224 B4044A3-4-2-18,
R-SBR x BR

8/31 9/12 10/5 51 10/9

237 8/31 10/5 51

225 B4045B45-2,
R-SBR x BR41

(1165) 8/28 9/8 9/30 43 10/9

289 8/28 9/30 43

226 B46-2069
T. Patna Sel.

(1166) 8/30 9/12 10/3 47 10/9

Straw hulled type 4439 8/30 10/3 47

227 B41-3282-1,
SM, BR

(965) 10/6 47 10/9

296 — 10/6 47

Seeding Order 965

228 B43-2792
SM, BR Sel.

(1065) 10/6 52 10/9

293 — 10/6 52

Seeding Order 1065

CO

R

0

R

0

R

P

R

0

S

0

S

0

R

3

0

R

3

R

2

0

R

0

V T like 223 on 7/31
V good.

A smooth seed type
too tall & too leafy
good grain, fairly easy to thresh

MV MS very short wide
leaves on 7/28

V short sturdy straw, a rough hull
short grain type, fairly easy to
thresh large stalk
erect panicle

MV M

very narrow
leaves.

unusual

very much like TP but straw
hulls, 5 to 6 Prob shade straw

V M

V T

727 96.9 4362

541 72.1 3246

562 74.9 3372

648 86.4 3888

731 97.5 4386

Only 6. long & long slender

229 ✓ ¹⁻¹⁻²⁻¹⁻¹ B403/A1-1-1-1-1, (201) 8/2 8/11 9/3 44 9/10
cut guard
like 240
TPxR-SBR

2546 8/2

9/3 44

230 ✓ ¹⁻¹⁻²⁻¹⁻² B403/A1-1-1-1-2, 2 8/2 8/12 9/3 45 9/10
cut guard
like 240
TPxR-SBR

2547 8/2

9/3 45

231 ✓ ²⁻¹⁻³ B403/A1-1-1-1-3, 2 7/30 8/5 9/28 44 9/10
cut guard
TPxR-SBR

2548

7/30

8/28

44

Sturdy letter than others, best most uniform heading

lit. Advances (8/6/48)

Looks similar to 239 on 8/21/48

232 ✓ ²⁻¹⁻⁴ B403/A1-1-1-1-4, 4 8/1 9/10 9/3 44 9/10
cut guard
like 240
TPxR-SBR

2549 8/1

9/3 44

233 ✓ ²⁻¹⁻⁵ B403/A1-1-1-1-5, 5 8/4 8/13 9/3 45 9/10
cut guard
like 240
TPxR-SBR

2550 8/4

9/3 45

One of my best

grain Var.

G

So

wh
Tip

T

0

MR

T

T

0

MR

T

T

0

MR

T

M-R

T

0

MR

T

MR

T

0

MR

T

M T
niveau de l'eau

V T
ndd

V T
ndd

V T
ndd

V T
ndd

736 98.1 4416

768 102.4 4608

825 110.0 4950

690 92.0 4140

700 93.3 4200

234 ✓ ⁴
B403/A1-1-1-2-1-4, 8/4 8/13 9/3 43

TPxR-SBR

2551

8/4 9/3 43

235 ✓ B403/A1-1-1-2-1-7, 8/4 8/13 9/3 42

TPxR-SBR

2552

8/4 9/3 42

236 ✓ B403/A1-1-1-2-1-8, 8/5 8/14 9/3 41

TPxR-SBR

2553

8/5 9/3 41

237 ✓ B403/A1-1-1-2-1-9, 8/1 8/10 9/1 43

TPxR-SBR

2554

8/1 9/1 43

238 ✓ B403/A1-1-1-2-1-10, 8/5 8/14 9/3 44

TPxR-SBR

2555

8/5 9/3 44

M-R

T

0

M-R

T

M-R

T

0

MR

T

M-R

T

0

MR

T

M-R

T

0

MR

T

M-R

T

0

MR

T

V T
ndl

V T
ndl

V T
ndl

V T
ndl

V T
ndl

730 97.3 4380

590 78.7 3540

682 90.9 4092

674 89.9 4044

632 84.3 3792

239 ✓ B403/A1-1-1-2-1-11,
 TPx R-SBR
cut guard
 8/1 8/7 8/28 44
 earlier than other sele.
 much like #231
 2556 Looks superior to others
 on 8/20

8/1 8/28 44

240 ✓ B403/A1-1-1-2-1-12,
 TPx R-SBR
cut guard

8/5 8/13 9/3 44

2557 8/5 9/3 44

241 ✓ Politus

8/7 8/15 9/6 48

244 8/7 9/6 48

242 B403/A1-1-1-2,
 TPx R-SBR 219

8/early 8/18 8/29 9/25 47

8/18 9/25 47

possible Seg

243 B403/A1-1-3-2,
 TPx R-SBR

8/23 9/10 9/25 47

220 8/23 9/25 47

M-R

T

O

MR

T

M-R

T

O

MR

T

R

O

R

T

R

T

O

R

T

R

T

O

R

T

V T
ndl

V T
ndl

V T wider leaves, + lighter
green color than TP, R-1326
wide leaves

M T (Full seq. growth on 1/3 / V.8)
ndl

V T
ndl

602 80.33612

514 68.5 3084

236 31.5 1416

425 56.7 2550

558 74.4 3348

244 B403/A1-1-3-3,
TPxR-SBR

8/19 8/30 9/25 47 $\frac{10}{15}$

221 8/19 9/25 47

245 B403/A1-1-3-5,
TPxR-SBR

8/19 8/29 9/25 45 $\frac{1}{3}$

27 8/19 9/25 45

246 ✓
B403/A1-1-8-4-¹⁵₈,
TPxR-SBR

7/30 8/7 8/28 43 $\frac{9}{10}$

2601 7/30 8/28 43

247 ✓
B403/A1-1-8-4-8
TPxR-SBR

8/1 8/9 8/28 43 $\frac{9}{10}$

2602 8/1 8/28 43

248 ✓
B403/A1-1-8-4-9,
TPxR-SBR

8/1 8/9 8/28 45 $\frac{9}{10}$

2603 8/1 8/28 45

R

T

O

R

T

R

T

O

R

T

M-R

T

O

MR

T

M-R

T

O

MR

T

M-R

T

O

MR

T

V T

ndll

M T

ndll

Then
shorter than the others

V MT

ndll

V MT

ndll

V MT

ndll

561 74.8 3366

565 75.3 3390

554 73.9 3324

561 74.8 3366

532 70.9 3192

249 ✓

B403/A1-1-8-4-14,

TPxR-SBR

8/1

8/8

8/28

44 9/16

cut
guard

2608

8/1

8/28 44

250 ✓

B403/A1-1-8-4-15,

TPxR-SBR

7/31

8/8

8/28

44 9/16

cut
guard

2609

7/31

8/28 44

251

B403/A1-1-5,

TPxR-SBR

8/28 8/31

9/25

49 10/5

disc
guard
sheet

226

8/21

Sept. 49

252

B403/A1-1-8-

TPxR-SBR

7/30

8/8

8/28

42 9/21

cut
guard

46-4893 7/30

8/28 42

253

B403/A1-1-8-

TPxR-SBR

7/30 8/9

8/28

43 9/21

cut
guard

46-4894 7/30

8/28 43

M-R

T

O

MR

T

M-R

T

O

MR

T

R

T

P

R

T

R-M

T

O

MR

T

R-M

I

O

MR

I

V MT
ndle

V MT
ndle

V MT
ndle

V T
ndle

V T
ndle

540 72.0 3240

526 70.1 3156

508 67.7 3048

535 71.3 3210

510 68.0 3060

254 B403/A1-1-8-

TPxR-SBR

7/31 8/8 8/26 43 9/2

46-4895 7/31

8/28 43

255 B403/A1-1-8-

TPxR-SBR

7 7/30 8/7 8/28 43 9/2

46-4896 7/30

8/28 43

256 B403/A1-1-3-5-

TPxR-SBR

8/22 9/25 43 10/5

227 8/22

Segr 43

257 B403/A1-8-3,

TPxR-SBR

8/22 9/1 9/25 47 10/9

222 8/22

9/25 47

258 B403/A1-1-5,

TPxR-SBR

8/19 7/31 8/15 9/7 44 9/2

225

Segr.

9/7 44

R-M

T

0

MR

T

R-M

0

0

MR

0

R

1

0

R

1

R

0

R

1

R

0

0

R

0

V T

ndle

V MT

ndle

V T

ndle

short, very sturdy, straw
type.

V M

M T

Very good Petua types present
but badly mixed

502 66.9 3012

449 59.9 2694

662 88.3 3972

565 75.3 3390

482 57.6 2592

259

Hill Medium

Sel.

2646

8/6

8/17

9/7

46

9/2

done
 See gram type
 make self in
 Br. mud

9/7

46

260

B44-2719,

Stockdick Sel.

8/25

9/4

9/25

52

9/2

264 8/25

9/25

52

261

(1233)

8/5

Seq

8/20

9/5

45

9/2

Stockdick Sel.

2532 8/5

9/5

45

Co Ho mh
Tip

St

0

0

St

0

St

0

0

St

0

St

0

0

St

0

V S Tall vegetatively, not
typical of original
rather wide
leaves
Some segs for grain type
mostly long sl. V. good
plot for yield

V MS
much like 259

V M looks very good
on 7/3 wide leaves
wide leaves good color
much like Hill Puma
but shorter than

534 71.2 3204

558 74.4-3348

709 94.5 4254

Loth 6. Vanities

262 B4026A5-23-4-13,

9/18

10/19 51

R-7689 x R

9/18

10/19 51

4795 Army good T type,
Watch

Seeding Order 1234

263 B4030A3-4-5,

9/11

10/12 50

R-7689 x TP

~~4532~~

9/11

10/12 50

4532

264 B4030A3-4-7,

8/21

9/14

10/12 52

R-7689 x TP

4538

8/21

10/12 52

265 B4030A3-13,

8/30

9/8

10/5 45

R-7689 x RP

4802

8/30

10/5 45

266 B4030A3-21-3,

9/2

10/10 54

R-7689 x TP

313

9/2

10/10 54

00

~~MS~~

0

MS

0

S

had.

S

0

v. bad

S

v. bad

S

0

U. Bad

~~U. Bad~~

R

0

R

0

S

0

S

0

V MT
Leaves stay ~~fairly~~ green
when overripe stands well
when overripe
Very good strain
M S extremely erect growth
on 7/31

lodges, disci

V MS extremely erect growth
on 7/31

lodges V. Lady, disci

M MS

M M
Is extremely tall but stands
good when overripe. A very
good plot

553 73.7 33 18

520 69.3 31 20

402 53.6 24 12

626 83.5 37 56

452 60.3 27 12

267 B4030A3-37-1,
R-7689 xTP

earlier
8/19 8/31 10/10 49%
segregating
mostly late
314 *Segr.* 10/10 49

268 B403/A1-1-13-1-8,
TPxR-SBR

9/2 9/12 10/7 46%
4822 9/2 10/7 46

Best
guard

269 B403/A1-1-13-1-9,
TPxR-SBR

9/2 9/12 10/7 46%
4823 9/2 10/7 46

cut
guard

270 B403/A1-1-13-1-10,
TPxR-SBR

9/2 9/12 10/7 49%
4824 9/2 10/7 47

cut
guard

271 B403/A1-1-13-11,
TPxR-SBR

9/1 9/12 10/7 48%
4825 9/1 10/7 48

cut
guard
Best

Co

MS

0

MS

0

R

2

0

R

2

R

2

0

R

2

R

2

0

R

2

R

2

0

R

2

MV MT ^{Very} tall neg. growth
7/21

V T
ndb

M T
ndb

V T
ndb

V T
ndb

530 70.7 3180

609 81.2 3654

613 81.7 3678

557 74.3 3342

705 94.0 4230

272 B43-280-1, -3
~~Star~~ T.P. SEL.

9/6 9/18 10/12 54

4653 9/6 10/12 54

273 B4031A1-7-5,
 TPxR-SBR

8/19 8/28 9/18 53

4830 8/19 9/18 53

274 B4032A3-1-3,
 TPxR-D

9/16 10/18 55

318 9/16 10/18 55

275 B4033A4-15-2,
 TPxR-7689

9/12 10/10 48

320 9/12 10/10 48

276 B4033A4-38-1-6

48

TPxR-7689

(Phys. Brown)

5009 9/12

9/10 46

HO Co

R R

Immuneto (D)

0 ~~R~~ R ~~5~~ 0

St

0 St 0

St

0 St 0

MR

0 MR 0

phys Binomial

0 ~~R~~ ~~phys~~ Br. 0

V T (maybe TP x stream
ndle TP Sel

CO resistant TP type
Adv. Is possibly a TP in
other respects, check carefully

V MT (very tall reg on 7/31,
wide leaved, extending
wide erect vegetative growth)

leaves
Rather tall, good coarse stems,
BBt maturity, no taller than BBt,
large heads dies back very fast

V T very tall reg. on 7/31
Extremely tall, dies look
rather fast, good stream

M M-S short reg. growth on 7/31
Very short stream
Sturdy stream, good grain
Watch?

V T Bodily discolored on 7/31

damaged
245 32.7 1470

470 62.7 2820

457 60.9 2742

557 74.3 3342

231 30.8 1386

277 B4033A4-38-1-7,
TPxR-7689

9/2 9/14 10/10 49 1/2
322 9/2 10/10 49

Cut grass

278 B4033A4-38-1-11,
TPxR-7689

9/2 9/15 10/10 49 1/2
325 9/2 10/10 49

*278 9/2 9/15 10/10 49 1/2
when full head*

279 B4033A4-38-1-12,
TPxR-7689

9/4 9/14 10/10 48 1/2
326 9/4 10/10 48

Cut grass

280 B4033A4-38-1-12,
TPxR-7689

9/4 9/14 10/10 49 1/2
327 9/4 10/10 49

281 B4033A4-38-1-13,
TPxR-7689

9/4 9/14 10/10 49 1/2
328 9/4 10/10 49

00

R

0

R

0

R

0

R

0

R

0

R

0

R

0

R

0

R

0

R

0

V T (Faller than others on 7/21)
very good

Better than 278
Very uniform lot

V T

V T

V T

V T
Probably better
than others

667 88.9 4002

634 84.5 3804

598 79.7 3588

536 71.5 3216

639 85.2 3834

282 B4033A4-38-1-17,
TPxR-7689

9/4 9/17 10/10 49

Irregular lot

329 9/4 10/10 49

283 B4034A3-16-1,
TPxR-D

9/8 9/12 10/14 51

disc

330 9/8 10/14 51

284 B4035A44-11-5,
TPxR

9/11 10/12 49

cut glass

331 9/7 10/12 49

285 B4035B44-22-3,
TPxR

9/12 10/12 50

disc

332 9/5 10/12 50

286 B4036A1-7-7,
R-DxR

9/13 10/20 49

disc

333 9/13 10/20 49

C₀

R

0

R

0

S

0

S

0

M-S

0

MS

0

S

0

S

0

M

0

M

0

V T

V T
no value

V M
2s very good
slower drying look than 285

V MT
2s more like T P
Prob shorter straw but dries
look very fast

V M
erect leaves
short straw fairly good

570 76.03420

385 51.32310

445 66.02970

390 52.02340

489 65.22934

287

~~B445~~

B47-4954,

Karang-Serang 4954

Sel.

9/10

appears to be big for mat

10/15-51

10/25

9/10

10/15 51

288

B323 B45-9,

RXSBR

9/6

9/8

10/8

45 10/25

10/8

45

288

289

B44-2766-1-1-8,

Nira Sel

4681 —

10/25 51 10/25

10/25 51

290

B44-2766-1-6-6,

Nira Sel.

4694 —

10/25-53 10/25

10/25 53

291

B44-2766-1-12-2,

Nira Sel.

4711 —

10/25 54 10/25

10/25 54

C_0
 R

0

R

0

0

R
 R

0

R

0

R

0

R

0

R

0

0

R

0

M T

Rev. growth habit, but
much taller than Rev on 7/31
erect leaves

dries look quite fast,
moderate ht., Some segs
for grain & ht. character, good.

M S

Reverse growth habit 7/31

A very good Syn BTR
type, Short stem
CO resistant Syn Hulse
moderately easy to thresh

V

MT

V T

M T

437 58.3 2622

584 77.9 3504

435 58.0 2610

516 68.8 3096

418 55.7 2508

292 B44-2766-1-13-5,
Nira Sel.

10/25 53 1/2

4725 —

10/25 53

293 B33/3A1-16 Rogue

8/30 9/18 10/8 48 1/2

Straw hulk
Watch

4671 8/30

10/8 48

294 B4032 A3-37,
TPxR-D

9/19 8/20 9/17 45 1/2

247 8/19 8/28 9/17 45

Seeding Order 1266
~~Seeding Order 12~~

Ho co White
R TAP

R 0 414 55.22484

R R
Very clean for Ho & Co
RR R ~~OR~~ 550 73.33300

M-S

MS 0 647 86.33882

17.4

V M

$$\begin{array}{r} 252.5 \\ 310 \\ \hline 162 \overline{) 5625} \\ \underline{486} \\ 765 \end{array}$$

3.472

V M

$$\begin{array}{r} 648 \\ \hline 1170 \\ 1134 \\ \hline 360 \end{array}$$

V M

3

Bluebonnet Set Head Rows

157	}	4 sacks
177		
309		
643		

161
162
216
81

314?
In front of state 8/26
left ↓ 8/30

8/26

to Fullhead

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

15.4
28.6
18.6
182
U. S. DEPARTMENT OF AGRICULTURE
Official Business

Penalty for private use to avoid payment of postage, \$300

U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Division of Cotton and Other
Fiber Crops and Diseases

2-1 162 30.6
4950
486
43960
810
960
111111

179 day

A1-24-9 sacks wt=200

25.

12 cloth
sacks

162

395

324

403/A1-1 lines from Mrs.
rows. = 215 pounds less 3th for sacks

11.23 barrels

A1-1-8

1 North $\frac{1}{2}$

149

3 Center 3 sacks

= 395

4/4 Lead Rows 8-

149

164

159

491

2 North Δ

167

~~147~~1 South Δ

171

1 East Δ

165

1 Prob head row P.V. Bank

47

2 Field Plots 224+235

244.5

11 1 Cloth bag

162

1829.5

11 sack

1818 11.23

162

198

162

372

1948

Reed, Wm

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

1948

Field Notes

*George
Dishman Jr.*

Cutting Dates

No 10 $\frac{8}{30}$

watch 56

$\frac{1}{2} \frac{9}{2}$

$11 \frac{8}{25}$ } Harvested $\frac{8}{28}$
Due to Rain

~~$20 \frac{8}{25}$~~

~~$32 \frac{8}{23}$~~

$34 \frac{9}{2}$

~~$36 \frac{8}{23}$~~

~~$37 \frac{8}{29}$~~

~~$56 \frac{9}{2}$~~

10
27

Checked through 100.

52✓

56

62

Heads for B. May 123✓

231

Reminders of moments

get punch

147✓

more panels

271

Model 6A
13665

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests:
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

Seedling Vigor

V = vigorous

M = medium vigor

S = slow

Seedling Ht.

T = Tall

M = Medium

S = Short

229

W. J. P. H.

Take notes all

161

Take notes all

129^A - 144

✓

✓

✓

97^A - 112

✓

✓

✓

65^A - 80

✓

✓

✓

33^A - 48

✓

✓

✓

1^A - 16

✓

through *pick* →
through →

145 - 160

113 - 128

✓

✓

81 - 96
116

✓

C ✓

D ✓

A
49 - 64

B ✓

✓

✓

A
17 - 32

✓

5	
4	
1- 3	
1- 2	
1 9 1 4	

Milling Samples to
 Henry Rohrer for Smith-
 sheeling determinations

1	33	65	99	132
2	34	67	101	135
4	35	68	102	136
5	36	69	103	137
6	37	70	104	138
7	39	71	105	140
10	41	72	106	141
15	43	73	108	142
18	44	76	109	143
21	45	78	110	145
24	46	79	112	147
27	47	80	114	148
29	48	84	117	149
<u>30</u>	52	85	119	150
	54	88	123	152
	55	89	124	153
	56	90	<u>129</u>	155
	58	92		159
	60	93		
	<u>62</u>	95		
		<u>96</u>		

14
 17
 18
 20
 21
90

Early maturing short and medium grain

Test No.1		1st hd full	hd	full	plant
Group B (Uniform group)				Ripe	Nt. (in)
Colusa	101	7/27	8/5	9/2	49
1 CI-1600	124 (1)	Harvested 9/2			
	201				
	229	7/27		9/2	49
Cody	102	7/27	8/6	9/2	48
2 CI-8342	132 (2)	Harvested 9/2			
	202				
	227	7/27		9/2	48
Zenith	103	8/1	8/11	8/20	52
cut grain CI-7787	129 (3)				
	203				
	217	8/1		8/30	52
Magnolia	104	8/1	8/11	8/30	52
4 CI-8318	131 (4)				
cut grain	204				
	232	8/1		8/30	52
CO-250-121	105	8/3	8/11	9/6	50
5 CO-BR x S-F	122 (5)				
cut grain	205				
	223	8/3		9/6	50

varieties:

Lodging

diseases

H.O

CO

~~HO~~

White
Tip
T

M-R

O

M-R

T

large
spots

M-R

large
spots

T

O

Lg

M-R

~~HO~~

T

T

M-R

O

T

M-R

O

T

R

O

T

R

O

large
spots

R

large
spots

O

leaving

ln

lg

R

~~lg~~

O

Seedling
Vigor

HT.

S S

Very clean reg. when hms

M MS.

T

V

Exceptionally tall on 7/15.

T

V

not as tall as Gemath on 7/15

MV

MT

Very wide lines

Muller Quality		gami	per	Acu	per	Acu
Rice		gami	per	Acu	per	Acu
Head	Total	per	Acu	per	Acu	Acu

742

535

808

628

101 110

2713 90.4 4070

786

497

862

362

2507 83.6 3760

433

309

583

378

91 108

1703 56.8 2554

676

482

556

damaged

393

96 110

1714 76.2 3428

318

375

418

damaged

190

93-108

1111 49.4 2222

6

cut ground

Early Prolific (5)

8/2

8/10

9/3

50

106

CI-5883

125

206

8/2

9/3

50

228

B4310A1-20

(47)

8/2

8/10

9/1

47

(Sm BR-BR41x

107

BR41-EP)

128

207

8/2

9/1

47

224

B404A1-29-4,

(6)

7/31

8/8

8/31

49

8

BR41 x EP

108

127

208

7/31

8/31

49

231

54110B44B35

stutt

7/26

8/6

9/1

54

9

EP-BR x

109

CA-S

123

209

7/26

9/1

54

225

5415A1-1-20-8-1,

stutt

7/29

8/4

8/27

48

10

Z x N

110

130

210

7/29

8/27

48

226

Very uni hdy
Harvested 8/30

cut ground

CO

S

2

0

S

2

R

T

0

R

T

R

T

0

R

T

Learning

R

0

Bad

Bad

R

0

~~T-R~~

0

0

T-R
~~T-R~~

0

Seedling
vign HT

V T

Irregular ht, many poorly filled heads.

VV VT

Very much like EP, except sl shorter straw, many poorly filled heads, grain too flat

V T

Much like EP + #7, as tall as EP. Many poorly filled heads. Clean vegetation

VV VVT Exceptionally tall on 7/15
Too tall, leaning when harvested, very clean & green vegetation. Jap type straw,

Shorter than most in seedling stage
much shorter than
V S #16 on 7/15.

Exceptionally good Z type.
Rough but consistent. Prob less
leafy than Z

Milling Data

Hd Rice Total Rice

435

402

421

636

93 - 108 1894 63.1 2841

430

360

503

679

91 107 1972 65.7 2958

350

302

364

607

1623 54.1 2434

—

288

355

604

1247 55.4 2494

659

680

830

643

99 110 2812 93.7 4218

Daddy's dam.

Ain't coming

26.0

S414 A1-1-10-2-1, statt $\frac{8}{10}$ $\frac{8}{22}$ $\frac{9}{6}$ 49 $\frac{9}{8}$

11 Z x A.F. 111

117

211

$\frac{8}{10}$

$\frac{9}{6}$

49

222

S4142 A1-1-2-2, statt $\frac{8}{3}$ $\frac{8}{14}$ $\frac{9}{14}$ 50 $\frac{9}{8}$

12 K-BR x BR41 112

120

212

$\frac{8}{3}$

~~$\frac{8}{14}$~~

$\frac{9}{14}$

50

220

S4210 A1-27-2, statt $\frac{8}{2}$ $\frac{8}{11}$ $\frac{9}{3}$ 51 $\frac{9}{8}$

13 EP-BR x EP 113

Sc. 119

213

$\frac{8}{2}$

$\frac{9}{3}$

51

219

S417 A3-12-1, statt $\frac{7}{15}$ $\frac{7}{22}$ $\frac{8}{13}$ 46 $\frac{9}{10}$

14 M-K x 6355- 114

1 hr on 8/10 acc birds

EBR 118

214

$\frac{7}{15}$

$\frac{8}{13}$

46

230

C.353-6-2, 115

$\frac{7}{31}$ $\frac{8}{7}$ $\frac{8}{26}$ 45 $\frac{9}{4}$

15 E-F x S-F 126

215

221

$\frac{7}{31}$

$\frac{8}{26}$

45

Ho	Co	Ho	WT
	R	large spots	0

0	lg	R	lg	0
		R		3

0		R		3
---	--	---	--	---

l		R		3
---	--	---	--	---

ln		R		3
----	--	---	--	---

		R		0
--	--	---	--	---

0		R		0
---	--	---	--	---

		R		0
--	--	---	--	---

0		R		0
---	--	---	--	---

Seedling
Vigoro

144

VV T Extremely tall on 7/5

Too leafy; prob. better grain
type than #10

M M

K-BK straw type, irreg. ht.
Irregular etc, later than
other subs in group.

V T Extremely tall, dark
green on 7/15

V. clean strawed Ep type, too
tall, leaning when ripe

V VT

V M
rather wide
leaves

Milling Date

Head Total

413

548

426

480

1860 62.0 2790

627

490

656

500

2273 75.8 3410

460

513

647

585

2205 73.5 3308

391

253

356

331

1331 44.4 1996

592

611

563

562

100 110

2328 77.6 3492

Edith Roque

16

Crowley

116 7/28 8/6 8/25 48

121 Shearred type
Harvested 9/14

216

218

7/28

8/25 40

Test No. 2

B4045 B44-2,

17

R-SBR x BR41

(41) 157

236

253

8/5

9/9 47

B4045 B44-3,

18

R-SBR x BR41

(40) 150

247

250

8/10

9/10 43

B4045 A44-6-4,

19

R-SBR x BR41

(2033) 135

156

240

260

8/10

8/17

9/10 39

8/10

9/10 39

body	Ho	Co	Ho	2nd Trip
		M-S		2

0		MS		2
---	--	----	--	---

		R.		0
				0

0		R		0
---	--	---	--	---

		S		T
				1

0		S		T-1
---	--	---	--	-----

		RS		✓
				2

0		MS		2
---	--	----	--	---

V T

V T
Is too tall

V M

V VT
Has short straw similar to #27
V. good,

Milling Date

Heat Total

514

519

533

514

2080 69.3 3120

356

270

300

349

1275 42.5 1912

431

399

354

396

101 113 1580 52.7 2370

404

342

293

220

1259 42.0 1888

Remark 136 8/7 8/16 9/7 44
 20 CI-8644 (26) 159
 234

254 8/7 9/7 44

B411A3-7-2, (54) 137 8/1 8/8 9/2 43
 21 8323x2 164
 235

259 8/1 9/2 43

B411A3-36-1, (53) 138 7/27 8/6 8/29 43
 22 8323x2 152
 243

264 7/27 8/29 43

B423B44-8, (56) 139 8/2 8/10 9/3 42
 23 BR41-EPx 163
 K-7143 242

262 8/2 9/3 42

B403/A1-1-8, ANAH 140 8/2 8/11 9/1 40
 24 TPxR-SBR 15 155
 238

258 8/2 9/1 40

Cut grass

body	co	N	mt Tip
	M-R		2 ✓
			1

0	MR		1-2
---	----	--	-----

	M		4
			4

0	M		4
---	---	--	---

	M-R		4
			3

0	MR		3-4
---	----	--	-----

	R		3
			2 ✓

0	R		2-3
---	---	--	-----

	M-R		3
			2

0	MR		2-3
---	----	--	-----

e

7/5

M MS | Has rather light gr
V. good on 6/30 color on 7/5, and of heat
much better than for reg. lat & vigor
A1-1-8

V T | much like Ruck 7/5
for vigor but darker

V VT | Several inches taller
than 21 on 7/5, V. good,

V VT | V. tall on 7/5, darker

VV MT | Extremely short &
making poor growth 7/5
narrow leaves
better than Ruck
short on 6/30

Milling Data

Head Total

424

369

450

395

1638 54.6 2457

425

391

360

387

90-106 1563 52.1 2344

367

500

395

383

1645 54.8 2468

267

—

238

268

773 34.4 1546

369

359

426

386

76 105 1540 51.3 2310

Disc 25	B433A3-1-3,	(212S)	141	8/2	8/11	not hr
	B41-3299 x		153			
	(R-SBR x BR)		241			
			255	8/2	Seg	
26	B433A2-7-18,	(2198)	142	8/5	8/16	9/4 45
	B41-3299 x		162			
	(R-SBR x BR41)		239			
			249	8/5		9/4 45
27	B433A1-4-7,	(2162)	143	8/3	8/11	9/5 41
	B41-3299 x		149			
	(R-SBR x BR41)		245			
			257	8/3		9/5 41
28	S44-13,	(13)	144	8/2	8/10	8/31 49
	Sx 2835		161			
			248			
			256	8/2		8/31 49
29	B431/A3-14,	(50)	145	7/25	8/7	8/26 46
	SmBR- BR41 x		154		Harvested 9/4	
	8323-Z		233			
			263	7/25		8/26 46

body

Co

H₂

R

3

2

0

R

2-3

Seg

0
V. good

0

Seg

0-1

R

1
T

0

R

T-1

R

T
1

0

R

T-1

R

1
2

0

R

1-2

V M
Irregular ht + maturity,
much sterility

V MT
rather wide
ear
Rather tall, irreg ht, not
as good as 27

V T
Has exact short straw, V green
reg., good heads & good mid-gr
type. Is taller than #19
much better grain shape than #19

V T
Exceptionally tall light
green on 7/15.
VT light green on
8/30

Too tall

V T
no taller than Ep. 1/40 only
filled

Milling Data
~~Head~~ Total

269

269

291

325

1154 38.5 1731

391

361

361

467

1580 52.7 2370

385

433

428

515

92 106 1761 58.7 2642

394

294

331

367

1386 46.2 2079

464

455

485

400

81 105 1804 60.1 2706

B4311A 3-18-1, (2463) ¹⁴⁶ 7/25 8/7 8/31 45 9/2
 Sm. BR - BR41 151 Harvested 8/28

X 8323-Z 244

251 7/25 8/31 45

B4311A 2-35-11, (2428) ¹⁴⁷ 8/16 8/27 9/12 44 9/2
 SM. BR - BR41 X 158

8323-Z 237

252 8/16 9/12 44

B4311A 2-23-2, (2392) ¹⁴⁸ 7/24 8/5 8/18 40 9/2
 SM. BR - BR41 X 160 Harvested 8/28

8323-Z 246

261 7/24 8/18 40

Early maturing long and long slender - gr
 Test No. 3, (uniform group)
 Prelude (11) 301 7/3 8/12 9/3 52 9/4

33 CI-8311 329

410

432 8/3 9/3 52

Lodg.	Ho	Go	Ho	whit Tup
		R.		1
		very clean my		2
O		R		1-2
		R		0
				0-T
O		R		0-T
		R		1
				2
O		R		1-2

varieties:

		M-S	large spots	2
O	lg	MS	2	2

much like ⁴/₁A 3-7-2
VV VT grain too flat
shorter than 29, more like
in fit, looks very good,
shorter than 30, better gr.
Smooth, Advana
VV VT lighter green, V tail on 7/15

V VT dark green, tail on 7/15
V. dark green ⁵/₃₀

V T

Milling Date

Head Total

394

426

446

446

89 105 1712 57.1 2568

292

230

426

426

1374 45.8 2061

458

417

400

408

1683 56.1 2524

627

583

427

580

93 108 2217 73.9 3326

Lady Wright
34
cut ground

302 7/29 8/6 8/30 49
Harvested 9/2
318
Stett. 414
420 7/29 8/30 49

Arkansas Fortuna
35 CI-8309

(68) 303 8/12 8/20 9/6 55
325
416
423 8/12 9/6 55

C6-252-1-2,
36 I-BR x S-F

(10) 304 7/23 8/3 8/20 50
Harvested 8/23
323
407
427 7/23 8/20 50

C6-253-9-1,
37 E-F x S-F

305 7/29 8/5 8/24 50
Harvested 8/29
321
403
429 7/29 8/24 50

C6-253-9-2,
38 E-F x S-F

(12) 306 8/1 8/10 9/2 55
Harvested 9/4
330
404
417 8/1 9/2 55

Lodg 20 Co

M

3

0

M

3

M-R bad 0

0 bad MR ~~bad~~ 0

sl R R 0

clean shaver

sl R R ~~R~~ 0

bad M-R 0

bad MR 0

bad M-R 0

bad MR 0

VV T

VV VT

M S

fast ripening but straw stays
green. reg. free from disease
grows too tall; rather weak straw

V T

grows too tall, lodges badly
lower leaves die back too fast

V T

Milling Date

Head Total

506

552

548

505

87 106 2111 70.4 3166

720

585

757

535

85 108 2597 86.6 3896

585

520

455

505

83 106 2065 68.8 3098

630

573

732

619

87 107 2554 85.1 3831

792

620

608

520

2540 84.7 3810

S4140A2-3-4-1,

39

IBR-Fx A.F.

Stax,

307

332

401

426

8/2 8/12
Harvested 9/4

9/2 53

S4140A2-4-3-2,

40

IBR-Fx A.F.

Stax,

308

317

409

424

8/4 8/11

9/7 49

S415A1-1-5-5-1,

41

2 x N

Stax,

309

324

411

422

8/1 8/10
Harvested 9/4

9/1 55

S46H110,

42

Stax,

310

327

408

431

8/3 8/10

9/6 50

B4031A1-3-3,

43

TPxR-SBR

(22)

311

328

402

418

8/4 8/14

9/6 38

8/4

9/6 38

CO LO

wh
Tip

S

T

O

S

T

M

T

O

M

T

R

O

O

R

O

R

O

O

R

O

R

2

O

R

2

V M

VV M

V T
rather wide
leaves

M MT
yellowish color
Tall veg growth
on 7/25

V MT Exceptionally short on 7/15

Milling Date

Head Total

623

730

702

584

79 106 2639 88.0 3958

261

471

514

481

1727 57.6 2590

718

623

710

26.1

773

87 108 2824 94.1 4236

430

512

433

351

1726 57.5 2589

443

464

—

—

75-105 907 60.5 2721

Remark 312 8/6 8/13 9/9 45
 44 CF-8644 (26) 320

405

428 8/6 9/9 45

B4031A1-1-8, (31) 313 7/31 8/8 7/2 43
 45 TPxR-SBR 326

412

425 7/31 9/2 43

B4031A1-24-1-2, (28) 314 8/9 8/20 9/14 43
 46 TPxR-SBR 319

406

419 8/9 9/14 43

S4031A1-16-1-6-1 315 8/6 8/14 9/8 48
 47 TPxR-SBR 322

415

421 8/6 9/8 48

Hill Patna (25) 316 8/9 8/21 9/14 52
 48 ~~Patna~~ 331

413

430 8/9 9/14 52

Seq?

CO

nh.
Tap

M-S

1

0

MS

1

R-M

1

0

MR

1

R-M

2

0

MR

2

S+

0

0

S+

0

S

0

0

S

0

V MT much taller than 43
on 7/15

VV MT almost as tall as Rexark
on 7/15, more erect growth
narrow leaves

VV T as tall as Rexark on 7/15,
all more erect growth V. good

VV VT as tall as Rexark on 7/15
sl. taller than 46.
Highly S to CO, leaves die
back to fact, & too tall

M S Similar to Rexark, 4614,
on 7/15, wider leaves, erect growth
Very wide
leaves, rather
poor stand

Milling Date

Head Total

359
552
450
503
1864 62.1 2796

502
513
609
540

65 104 2164 72.1 3246

603

596

612

604

81 106 2415 80.5 3622

535

378

430

523

85 105 1866 62.2 2799

363

465

457

400

86 108 1685 56.2 2528

Test No. 4

Honduras

49

CI-1643

(55)

333

8/3

8/11

9/1

48

352

434

456

8/3

9/1

48

S43-6-6-1,

50

Prelude Sel. $\frac{5}{16} \times \frac{1}{16}$

334

8/5

8/13

9/5

47

357

446

458

8/5

9/5

47

Lady Wright

51

CI-5451

(51)

335

8/1

8/10

9/1

42

351

444

453

8/1

9/1

42

B4031A1-1-1-2-1-4

(2551)

336

8/5

8/13

9/2

42

TPxR-SBR

349

448

459

8/5

9/2

42

B4031A1-1-1-6-3-3,

53

TPxR-SBR.

(2541)

337

8/16

8/21

9/13

45

353

438

463

8/16

9/13

45

No.

Co

R

sub
Tip

2
T

0

R

T-2

M-R

large
spots

T

1

0

lg.

MR

~~lg~~

T-1

M-R

2

1

0

MR

1-2

R

T
T

0

R

T

R

0

0

0

R

0

Collet Ht

M T L T

V T D T

Does look too fast

V T M-L T

many poorly filled buds

VV MT M-S (Prob best in group)
narrow drooping
leaves. Stems well filled
than 47-31 (as good as Remark)
vegetatively 8/6

Prob. sl earlier than Remark
looks to be as vig growing as Remark

M MT M M

Bbt type, sl later & taller
than 54, fuller g. than Bbt

Milling Data

Head Total

—

—

415

334

749 49.9 2247

721

594

650

511

2476 82.5 3714

244

338

392

342

1316 43.9 1974

—

—

656

506

85 105 1162 77.5 3486

674

579

582

674

2509 83.6 3764

54 B45-2382, 338 8/14 8/26 9/13 44 1/2
 Bluebonnet (88) 359
 Sel. 441
 451 8/16 9/13 44

55 B403/A1-1-4-4, 339 8/10 8/19 9/8 43 1/2
 (32) TPxR-SBR 354
 439
 461 8/10 9/8 43

cut grass 56 B403/A1-1-8-4-7, 340 8/1 8/8 8/27 45 1/2
 (2609) TPxR-SBR 363 Tally, then A1-3-3 lines
 445 earliest in test, one of very
 best early AH-8 lines.
 450 8/1 8/27 45

57 B403/A1-1-⁵~~10~~, 341 8/10 8/13 9/3 46 1/2
 (33) TPxR-SBR 358 8/10 8/13 9/3 46 1/2
 447
 454 8/10 Segr. 46

58 B403/A1-3-3 Sel. 342 8/4 8/13 9/3 39 1/2
 TPxR-SBR 356
 435
 449 8/4 9/3 39

cut grass
 grain to
 Crowley
 for Karmey

Lodging

Co

Ho

wh
Tip

S

0
0

0

S

0

T
1

0

R

T-1

M-R

T
T

0

MR

T

0
T

0

R

0-T

R

V
T

0

R

T-2

6/30
6/30 HT

VV M M M

S MS D M (long sl. almost
1 mid-gr
very thin stand ^{poor} seg. grain type
not taller than BBT of earlier
vigorous growth - sl. irregular hit
Very good sl. gr. than Rex

VV T M M
narrow, drooping
leaves
Exceptionally good veg.
growth on 7/26

S MT M T (very tall on 7/15.
Watch
poor, rather
thin stand

good late types

VV MT M VS (exceptionally short
on 7/15
rather narrow
drooping leaves
appears to be sl. later than 59
thinner than 59

Milling Date

Head Total

492

476

560

526

83 108 2054 68.5 3081

549

566

548

452

79 107 2115 70.5 3172

734

710

676

684

25.9

63 104 2804 93.5 4206

509

475

639

509

2132 71.1 3198

493

491

499

464

65 105 1947 64.9 2920

B4031A1-3-3 Sel.

343

8/3

8/13

9/1

39

TPxR-SBR

H/d
Row

360

443

(Tip Awns
Tail)

455

8/3

9/1

39

B4031A1-20-2-S, (34)

344

9/16

9/27

9/12

44

TPxR-SBR

362

437

464

8/16

9/12

44

B4045A1-4-1,

345

8/9

8/19

9/10

47

R-SBRxBR41

355

(35) 442

457

8/9

9/10

47

B44-2647-3-1

346

8/9

8/18

9/7

39

Hill Medium

364

(2615) 440

452

8/9

9/7

39

B45-5013,

347

8/4

8/12

9/3

42

Hill Medium

361

(52) 436

460

8/4

9/3

42

N.O	Co	h.c	ml Typ
-----	----	-----	--------

	R		1
--	---	--	---

			T
--	--	--	---

0			
---	--	--	--

	R		
--	---	--	--

			T-1
--	--	--	-----

	R		
--	---	--	--

			T
--	--	--	---

			1
--	--	--	---

0			
---	--	--	--

	R		
--	---	--	--

			T-1
--	--	--	-----

	S		
--	---	--	--

			T
--	--	--	---

			T
--	--	--	---

0			
---	--	--	--

	S		
--	---	--	--

			T
--	--	--	---

	R		
--	---	--	--

	large spots		
--	----------------	--	--

			1
--	--	--	---

			T
--	--	--	---

0			
---	--	--	--

lg			
----	--	--	--

	R		
--	---	--	--

lg			
---------------	--	--	--

			T-1
--	--	--	-----

	R		
--	---	--	--

			0
--	--	--	---

			0
--	--	--	---

0			
---	--	--	--

	R		
--	---	--	--

			0
--	--	--	---

2 7
6/30

VV MT M VS on 7/15
rather narrow
drooping leaves.
Short stem & very uni ht,
Possibly longer than 58 or
original.

S M D M
very thin stand
poor

Is very leafy, upright flags.
Very green seg in over ripe
stage

V MT M T

good Patra type grain, easily threshed
dries lock fast, much co.
rather tall

V M M M
rather wide
leaves.

Very good, uni ht, rather
hard to thresh, short stem

MV MT M M

taller than 62

v. green seg. very easy to thresh
Rough hulls

Milling Data

Head Total

510 510

495

458

481

19.44 64.8 2916

409

305

538

479

78 106 1731 57.7 2596

461

466

477

223

1627.542 2440

620

633

571

100 110 1824 81.1 3648

311

413

299

358

1381 46.0 2072

B45-15-1-13	348	8/2	8/12	9/3	41	9/11
64 Hill Medium	350					
	(2667) ⁴³³					
	462	8/2		9/3	41	

Midseason maturing long and longer
Test No. 5 (Uniform group)

Nira	501	8/19	9/31	9/22	65	9/11
65 CI-2702	527				60	
	(59) 601					
	629	8/19		9/22	62	

C4-II-8-14-5,	502	8/13	8/21	9/14	51	9/11
66 RxBR-R	(17) 530				51	
	609					
	621	8/13		9/14	51	

TEXAS Fortuna	503	8/16	8/27	9/17	56	9/11
67 CI-1344	(69) 524				54	
	615					
	626	8/16		9/17	55	

A.O Co. wh
Tip

M-R very
large
spots 1
1

0 lg MR 2 1

du-grain varieties:

0 R

0 R 0

~~0~~ S T

0 S T

M-S 0

0 MS 0

✓ VT watch very watch, very tall
rather than stand on 7/15, light color
not like 62163 H VT rather wide leaves

watch (short straw but
very tall on except, tall reg growth &
5/30 leaves, good mid. g. Sun)
Rather hard to thresh

V T ^{3rd} 1st slip badly, dam
Rather thin stand by cattle on 7/16

VV T sh. shorter than Fort on 7/15
more stoking, V. good,
rather narrow (1st slip. dam by cattle 7/16)
drooping leaves
Looks very good, exceptionally good
grain quality.

VV T
erect leaves

Milling Date

Head Total

558

528

465

551

2102 70.1 3153

77 106

651

501

468

629

2249 75.0 3374

571

543

634

681

2429 81.0 3644

701

651

602

598

86 107 2552 85.1 3828

cut guard

545-51
Smooth hull

68

Fortuna

(70)

504

8/11

8/19

9/10

53

54

522

613

632

8/11

9/10

53

C45-8134-9

505

8/20

8/24

9/18

59

69

I x N

531

54

(63)

611

very clean shell

620

8/20

9/18

56

C322 A6-23,

506

8/19

9/1

9/18

48

70

R x F

526

48

(71)

607

628

8/19

9/18

48

C4-II-1-8-1,

507

8/13

8/22

9/14

51

71

R x BR-R

519

54

(18)

614

618

8/13

9/14

52

Bluebonnet

508

8/15

8/23

9/13

50

72

CI-8322

529

47

(19)

604

630

8/15

9/13

48

cut guard

CO Ho wh
Tap

R 0

Chow vegetation

0 R 0

R 0

0 R 0

ST 0

0 St 0

Sl. M-S 1

Sl.
Sl.
Sl.
Sl. MS T

ST 0

0 St 0

M T a good plant at head of Mia
Leafy like Fortuna, smooth hulls
earlier, reg. does not dry back as
fast as Fortuna, Mia grain,
Shorter straw than Fort.

VV M
Mia growth habit & let.
Almost as tall as Mia, Proh stools
better, Very good Mia type

VV S
Many very poorly filled heads.
Highly S to Co.

VV T Exceptionally tall on 7/1/6
rather narrow
leaves
Heavy plot BBT type but weak
straw, BBT standing much better

M S

Milling Data

Head To Tail

712

678

657

634

84 108 2681 89.4 4022

732

667

645

26.2788

79 107 2832 94.4 4248

436

472

444

367

87 108 1719 57.3 2578

728

775

649

632

87 108 2784 92.8 4176

671

damage → 339

701

675

78 108 2047 91.0 4094

73 cut ground	B45-2382 Bluebonnet Sel.	(88)	509	8/15	8/24	9/14	46 1/2
			525				45
			616				
			624	8/15		9/14	45
74	C47V305 Bluebonnet Sel.	Conley	510	8/15	8/24	9/14	49 1/2
			521				48
			606				
			631	8/15		9/14	48
75	S46-4, Rexark Sel.	Statt	511	8/3	8/11	9/5	43 1/2
			518				45
			608				
			627	8/3		9/5	44
76 cut ground	Rexark CI-8644	(26)	512	8/7	8/15	9/9	43 1/2
			528				45
			612				
			625	8/7		9/9	44
77	S46V29	Statt	513	8/4	8/11	9/7	42 1/2
			520				46
			603				
			617	8/4		9/7	44

Lodge	H.O.	CO	H.O.	rrh Tip
-------	------	----	------	------------

		M		0
--	--	---	--	---

0		M		0
---	--	---	--	---

		R	had.	0
--	--	---	------	---

0	had	R	had	0
---	-----	---	----------------	---

		M-S		T
--	--	-----	--	---

0		MS		T
---	--	----	--	---

		M-S		T
--	--	-----	--	---

0		MS		T
---	--	----	--	---

		ST		0
--	--	----	--	---

0		ST		0
---	--	----	--	---

M S (shorter strain and
much more resistant
to CO than BBT,
same as BBT
veg growth appears
finer to BBT 1/2

M S sl. shorter than BBT + 73
on 7/15, sl. narrower leaves.
Same as BBT
veg. growth appeared
refined to BBT 7/20
at least as tall or taller than BBT,
R to CO but very large HO spots.
Prob. poorer yield than BBT acc. some
poorly filled 7/15
similar to Remark on 7/15

MV MT
sl. earlier than Remark,
otherwise much the same

MV M v. good on 7/15

VV T
rather narrow,
drooping leaves
Highly S to CO, many poorly
filled buds.

Milling Dat

Head Total

605

527

522

564

77 107 2218 73.9 3327

627

599

571

680

2477 82.6 3716

546

595

530

520

2191 73.0 3286

588

446

479

450

81 107 1963 65.4 2944

547

404

418

370

1739 58.0 2608

S415A1-1-19-2-1,
 78 Z x N
 cut guard
 Stat 517
 610
 514 8/13 8/21 9/12 54 7
 52
 623 8/13 9/12 53

B347B40-9,
 79 R x N
 cut guard
 CI-8975 (61)
 515 8/16 8/26 9/15 52 9
 532
 605
 619 8/16 9/15 50

B347B44-13,
 80 R x N
 cut guard
 (60)
 516 8/16 8/26 9/16 51 9
 523
 602
 622 8/16 9/16 50
 2nd her dam by
 little

Test no. 6

CI-3625a
 81 Glutinous
 cut guard
 (84)
 533 8/2 8/11 9/5 47 9
 555
 645
 654 8/2 9/5 46

Lodg.	H.O.	CO	No.	wh Tup
		R		T

0		R		T
---	--	---	--	---

		R		0
--	--	---	--	---

0		R		0
---	--	---	--	---

		R		0
--	--	---	--	---

0		R		0
---	--	---	--	---

		R	large Spts	T
--	--	---	---------------	---

lg		R	Eg	T
----	--	---	----	---

V T

same lit as 80 m 7/15

Much like Nina light glister
straw, looks much better,
smooth hulls, very green seg
Probably some taller than B. T.
Very good (much like Sm. sort but
sl. shorter straw

V T

rather wide
leaves

V T

sl. taller, lighter green
and sl. narrower leaves.

Sur damps later than (78 L x N)
shorter straw, sl. thinner grains
appears as heavy for yield.
Hops/drop when ripe

M S

Fairly good growth, good yield

Milling Data

Head Total

775

747

680

753

87 107 2955 98.5 4432

738

653

674

653

90 108 2738 91.3 4107

663

675

534

763

79 107 2635 87.8 3952

575

452

471

477

1975 65.8 2962

B322B44-5,
82 RxF

534 8/22 9/1 9/26 53 1/2
(77) 549 51
643
662 8/22 9/26 52

B347B40-9-1
83 RxF
CT-8975-1

535 8/17 8/26 9/20 46 1/2
(76) 558 48
646
656 8/17 9/20 47

B347B44-3,
84 RxF

536 8/16 8/27 9/19 48 1/2
(74) 560 46
637
649 8/16 9/19 47

B347B44-15,
85 RxF

537 8/17 8/27 9/20 48 1/2
(75) 556 47
640
664 8/17 9/20 47

S 4140A1-2-3-1,
86 IBK-F x A.F. Study

538 8/5 8/13 9/7 49 1/2
552 47
638
657 8/5 9/7 48

H.O. CO

M-R

O

MR

O

R

O

R

O

R

O

R

O

R

O

R

O

S

T

O

S

T

V M

V T

V V T:
Better than 83
much like 44-13 but non-
erect flag leaf. Possibly longer
more sl. green.

V T Taller than other R-V like
on 7/15, V. good,
sl. taller than 84, non erect
flag leaf much like 84,

V VT
erect leaves
narrow leaves

Milling Data

Head Total

703

662

725

664

2754 91.8 4131

605

642

602

552

2401 80.0 3602

605

606

673

774

77 107 2658 88.6 3987

718

717

773

727

- 27.2

79 107 2935 97.8 4402

530

447

553

563

2093 69.8 3140

B4033A4-30-2, 539 8/13 8/21 9/12 44 7/2
 87 TPx R-7689 (81) 557 44
 641
 651 8/13 9/12 44

B4033A4-30-4, 540 8/14 8/24 9/16 46 7/2
 88 TPx R-7689 (80) 561 45
 642
 659 8/14 9/16 45

B4033A4-47-15, 541 8/18 8/24 9/16 46 7/2
 89 TPx R-7689 (82) 563 45
 635
 652 8/18 9/16 45

B46-4799-1, 542 8/20 8/31 9/18 47 7/2
 90 Rexark (3124) 553 47
 Sel. (44) 648
 660 8/20 9/18 47

B46-4856-7 543 8/16 8/24 9/14 41 7/2
 91 Rexark Sel. (3219) 554 43
 (45) 647
 650 8/16 9/14 42

cut guard

Home mem
 sub to Building
 missing

see mem/2/2

CO Ho

S

0

S

0

M-S

0

MS

0

MS

0

MS

0

R-M

0

MR

0

R-M

0

MR

0

VV MT
very good

leaves drying up. quite fast,
good plot but prob not equal to
better TP, R, SSP lines

VV MT
v. good

fl. taller & later maturing,
less disease & grimmer straw
when over ripe

VV MT
very good

veg. growth appears
inferior to 87 & 88
on 7/31

Headless straw, & less storing
than 87 & 88

M M

Very good BBT type

MS M Some variability?

Very good straw hulled Resark
type, about 1 week later maturity
Straw hulled, short straw.

Milling Data

599

590

769

600

2558 85.3 3837

670

586

677

610

85-108 2543 84.8 3814

560

512

659

625

89-107 2356 78.5 3534

674

702

554

690

93 III 2620 87.3 3930

727

667

649

701

2744 91.5 4116

92 B47-374/, 544 8/14 8/24 9/18 47
 Bluebonnet (3741) 550 45
 Sel. 636
 655 8/14 9/18 46

93 B4044A3-1-1-6, 545 8/14 2/23 9/14 45
 R-SBRxBR (39) 559 45
 633
 663 8/14 9/14 45

94 B45-2383 546 8/14 8/23 9/13 45
 Gold 562 43
 Bluebonnet (85) 644
 661 8/14 9/13 44

95 B47-3357, 547 8/22 9/1 9/26 45
 Gold 564 45
 Bluebonnet (3357) 639
 658 8/22 9/26 45

96 B47-3743, 548 8/17 4/24 9/18 47
 Bluebonnet 551 47
 Sel. (3743) 634
 653 8/17 9/18 47

H.O CO L.O
R

O R O

R.
very clean stream

O R O

R large spots

O lg R ~~ty~~ O

R

O R O

R

O R O

V M (Short like BBT on 7/15
True on 8/1)

Sturdy, stemmed BBT type
Fuller, shorter grain than BBT,
very heavy straw, later than BBT

M M
a good Patna grain type, tip across
fairly easy to thresh, fairly good,
Very clean straw, good ht, & vigor

Very short heads,
grain fairly compact on heads

VV VT
Shorter straw than BBT, V good, but
grain too large & coarse?

VV T (Too late for
this group
put in TP group)
rather narrow
drooping leaves
looks like
TR & R-SBK
a Patna grain type Has upright
flag leaves, narrow leaves,
short, sturdy straw, good heads
much stouter. Very promising
(much later than BBT on 7/15)

V M (7/15. True on 8/1)
An exceptionally good CO resistant
BBT type, looks much like
B44-15 R-N, flag droop
like BBT. Exceptionally long grain
Very promising

Milling Data

Head Total

686

715

665

697

83 108 2763 92.1 4144

564

640

770

576

89 108 2550 85.0 3825

500

522

502

503

2027 67.6 3040

663

649

714

638

77 106 2664 88.8 3996

607

685

855

665

75 107 2812 93.7 4218

number of subm
milling runs (11)
5057 - 5068

Midseason maturing short and medium
Test No. 7 (Uniform Group)

97	Asahi CI-8312	701	8/6	8/19	9/15	37	1/2
		(91) 726					
		809					
		825	8/6		9/15	37	
98	Conway CI-6949	702	8/1	8/9	9/5	42	1/2
		(92) 718					
		811					
		817	8/1		9/5	42	
99	Caloro CI-1561-1	703	8/3	8/11	9/8	42	1/2
		(89) 719					
		804					
		821	8/3		9/8	42	
100	Acadia CI-1988	704	8/1	8/20	9/15	42	10/16
		(90) 723					
		816					
		829	8/11		9/15	42	
101	BC-IV-5-15-1-1	705	7/31	8/6	9/5	43	1/2
		(93) 732					
		810					
		824	7/31		9/5	43	

main varieties:

CO
R

T

0

R

T

T

R

1

0

R

2

2

M

1

0

M

1

1

M-R

1

0

MR

2

2

R

1

2

0

R

1-2

M S

many poorly filled
heads, all lvs short

S S

much like Calow
get new seed

V MS

M MS

V MS

many semi sterile
heads, poor yield

Milling Data

Heat Total

342

411

472

435

1660 55.3 2490

395

475

332

393

1595 53.2 2392

363

427

483

347

99 110 1620 54.0 2430

375

434

348

399

1556 51.9 2334

244

584

415

311

100 110 1554 51.8 2331

1st series dom. ^{high} by birds

Calady-40 706 8/6 8/12 9/9 45
 102 CI-7680 731

(94) 807

818 8/6 9/9 45

Arkrose 707 8/12 8/20 9/13 45
 103 CI 8310 720

(100) 812

827 8/12 9/13 45

Kamrose 708 8/12 8/18 9/13 49
 104 CI-8314 727

(104) 813

830 8/12 9/13 49

Blue Rose 709 8/20 8/30 9/23 47
 105 ~~Cut Guard~~ CI-1962 729

(97) 802

828 8/20 9/23 47

Blue Rose 41 710 8/20 8/29 9/23 49
 106 CI-8317 722

(98) 814

822 8/20 9/23 49

body.

CO

M

✓

3

O

M

2-3

l

M

✓

2

ln

M

2

l

R

1

✓

ln

R

1-2

M

1

✓

O

M

1-2

R

T

1

O

R

T-1

V M
Some poor heads
fairly good

VV T
Very good, heavy plot, leaning
like Kapusk, & worse in this
respect than 107 & 108

V T
very good, very grain yield,
leaning before ripe

V T
Very poor, mostly short, poorly
filled heads.
Badly mixed

V T
Like BK.

Milling Data

Head Total

		250		
		514		
		441		
		<u>389</u>		
94	110	1594	53.1	2391
		452		
		536		
		461		
		<u>488</u>		
95	110	1937	64.6	2906
		464		
		526		
		514		
		<u>440</u>		
98	110	1944	64.8	2916
		444		
		316		
		383		
		<u>326</u>		
83	108	1469	49.0	2204
		487		
		416		
		368		
		<u>474</u>		
87	107	1745	58.2	2618

107

S405A443-76

711

8/11

8/23

9/19

48

10%

BR41 x Arkrose

725

(99)

801

831

8/11

9/19

48

108

SC44-1,

712

8/12

8/23

9/13

48

10%

Arkrose

721

St

805

Sel.

819

8/12

9/13

48

109

B4112A5-5-1,

713

8/21

8/31

9/25

50

10%

Sm BR x BR41

724

(96)

808

826

8/21

9/25

50

110

B3712A1-15-1-1-1,

714

8/14

8/21

9/13

46

10%

K-H x BR

717

(95)

806

832

8/14

9/13

46

111

B42-2693,

715

8/24

9/1

9/27

59

10%

Brain. Sel.

728

(102)

815

820

8/24

9/27

59

	Co	
l	R	✓
		2
ln	R	2
	M-R	2
		2
o	MR	2
l	R	o
		T
ln	R	o-T
	R	1
		2
o	R	1-2
l	R	✓
		✓
ln	R	2

V M

Very good plot, uniform, has
Arkane appearance

VV T

Fairly good, heads a good size
10.7. Stands more erect
than Arkane or 10.7

V T

Looks rather poor but much
better looking & heavier than BK
Irregular hit, may be mixed,
Easily threshed

V MT

One of heaviest & most uniform
plots in test, V. good,
short, sturdy straw
fast ripening

VV VT

Too tall

Best in group
rather wide
leaves.

Good growth but entirely too tall

Milling Data

Head Total

467

657

-

551

1675 74.4 3350

543

630

551

567

91 108 2291 76.4 3436

507

573

500

517

87 107 2097 69.9 3146

596

751

647

691

99 111 2685 89.5 4028

598

565

547

567

2277 75.9 3416

C 3-I-9-2-4,
 112 BRxBR-R

716	8/21	8/29	9/25	50	10%
730					
(103) 803					
823	8/21		9/25	50	

Test No. 8

Supreme Blue Rose
 113 CI-5793

733	8/18	8/29	9/23	47	10%
(105) 760					
839					
861	8/18		9/23	47	

B323A2-14,
 114 RxSBR

734	8/25	9/6	9/20	47	10%
(140) 754					
835					
864	8/25		9/30	47	

B344B41-2,
 115 CAxK

735	8/14	8/29	9/25	52	10%
(107) 764					
842					
859	8/14		9/25	52	

R

1

2

0

R

1-2

S

3

0

S

3

R

T

0

R

T

R

T

0

R

1

M T

Irregularly lit, considerable number
of poorly filled buds, most too tall
much better than BR

V T

many poorly filled buds,
early fall

V MS (exceptionally tall on
7/15, much taller than BR)

V T

Too tall, med. - green type
disc

Milling Data

Head Total

	604	
	472	
	520	
	<u>460</u>	
68 106	2056	68.5 3084

	355	
	386	
	295	
	<u>415</u>	
	1451	48.4 2176

	548	
	584	
	614	
	<u>556</u>	
99 108	2302	76.7 3453

	484	
	467	
	596	
	<u>537</u>	
	2084	69.5 3126

116	B3810B44-12, S-EPx CA-Cdy <u>cut grand</u>	(108)	736 756 840 862	8/16 8/24 8/16	9/15 9/15	45 45
117	B4044A3-1-1-1, R-SBRx BR	(136)	737 762 838 849	8/23 9/1 8/23	9/21 9/21	46 46
118	B4044A3-4-2-16-10, R-SBRx BR	(2988)	738 758 841 852	8/23 9/1 8/23	9/26 9/26	48 48
119	B3412B41-1, CAxR	(130)	739 751 843 857	8/28 9/5 8/28	9/26 9/26	55 55
120	Karang-Serang	(145)	740 759 845 854	8/19 8/19 8/19	9/30 9/30	60 60

Co

R

0

R

0

R

0

R

0

R

T

0

R

T

R

R

T

0

R

R

T

R

0

R

0

med hard to thresh

V T (Tall on 7/15)

V. good rough hulled short
grain type, clean seg. short
straw, V. uniform, grain too short
for Smith, almost a Jop V. good

M M

a long sl. gr type, gold hulls
V. good grain shape, no beards
Better gr. type than 93 in ael prob.
straw tough, very green in greenup
stage, light green mid

V V V V (Exceptionally tall on 7/15)

very good

must too tall, Sin BP type

M T

Grown tall, has willow Jop
straw type, (Tough) very clean
negotiation, small strawed

V VT

long drooping
leaves, light
color

(Exceptionally tall on 7/15
leaves badly whipped, frag)

Milling Data

Head Total

444

535

540

605

2124 70.8 3186

441

493

528

403

65 102 1865 62.2 2798

538

549

560

531

2178 72.6 3267

516

569

448

446

89 110 1979 66.0 2968

344

380

—

P 180

351

1075 47.8 2150

121 B44-2402-21-11, 741 8/16 8/24 9/25 43
 SmBR Sel. (4154) 757
 836

860 8/16 9/25 43

122 B438A1-51-8, 742 8/21 8/31 9/24 43
 SM.BR^{BR41} x 8326 749
 (4281) 846

856 8/21 9/24 43

123 B438A1-104-4, 743 8/22 8/31 9/24 41
 SM.BR^{BR41} x 8326 761
 (4285) 833

858 8/22 9/24 41

124 B4313A2-57-13 744 8/22 9/1 9/25 48
 SM.BR-BR41 x 755
 F⁺Red (4319) 848

850 8/22 9/25 48

125 B4321A3-21-2 745 8/22 8/31 9/25 46
 BR41 x F-Red (4325) 763
 844

855 8/22 9/25 46

R

0

R

0

R

0

R

0

R

0

R

0

R

R

0

R

R

0

R

0

R

R

M MS
wide leaves

Definitely inferior to 122d/23
Too leafy & short poorly filled heads

V MS
Very good, Sl. larger grain &
harder to thresh than 123, but
cleaner straw & less leaf drying.
Both have short sturdy straw.

VV M
Short, v sturdy straw, fairly
easy to thresh, one of very best
Better than 122, not as many
short poorly filled heads as 122

V M
V. clean straw, v open panicle
narrow, short leaves,

VV T
Rough, good BK type, sturdy
straw

Milling Data

Head Total

454

545

516

532

2047 68.2 3070

577

685

673

—

1935 86.0 3870

594

587

698

602

90 110 2481 82.7 3722

610

584

645

644

105 110 2483 82.8 3724

598

381

479

461

1919 64.0 2878

126 B4325A1-32-6, 746 8/23 9/1 9/27 46
Bruin. x F-Red 753

(4332) 847

863 8/23 9/27 46

127 B4325A1-61-1, 747 8/23 9/1 9/26 45
Bruin. x F-Red 750
(4350) 837

853 8/23 9/26 45

128 B4356A1-17-2, 748 7/30 8/23 9/23 41
8326 x 8323-Z 752
Sep.

(4366) 834

851 7/30 Sep 41

Late maturing varieties:
Test no. 9 (Uniform group)
Late maturing

129 C6125-12(V65) 901 8/23 9/1 9/26 100
BR x BR-R 930 earlier than others 50
Croux 1007
1025 8/23 9/26 50
not grown

R

T

O

R

T

O

R

T

T

O

R

T

T

O

R

T

V T (shorter than 127 on 7/5
dark color + growth habit.)

much less stinkiness than 127 & 128
good but rather tall, smooth
thin strawed

VV VT (V. tall on 7/5, Bruin color
+ neg. growth)
like Bruin
lighter color
outstanding neg. growth
much stinkiness

VV MT
many sterile heads,
green hlg. Very poor,

VV VT (1st Ser. destroyed by larvae)
Very good

Milling Date

Heat Total

585

502

627

490

 2204 73.5 3306

347

423

395

313

 1478 49.3 2217

426

513

522

382

 1843 61.4 2764

Isolates destroyed

601

675

524

 69 108 1800 80.0 3600

130 C6E-25-12, (V66) 902 8/28 9/5 9/30 49
BRxBR-R 918

Crowley

1002

1021 8/28

9/30 49

131 C6E-25-12 (Lyon) 903 8/24 9/3 9/28 50
BRxBR-R 923

Crowley

1012

1028 8/24

9/28 50

132 C3-72-3, 904 9/6 9/17 10/5 49
RxPr.Lf. 932

(125) 1016

✓1017 9/6

10/5 49

133 Delrex 905 9/21 10/13 56
CI-8320 925

(114)

1014

Buddy mixed
no value

1027

Segr.

10/13 56

134 Rogue Delrex 906 9/10 9/23 10/13 50
928

Crowley

1006

1022 9/10

10/13 50

CO

R

1

0

R

1

R

T

0

R

T

R

0

R

0

S

0

S

0

0

R

0

VV V T (series destroyed by cattle)
V good

VV T (series destroyed by cattle)
good.

MV M

VV T V. tall on 7/5
Badly mixed, got mixed

VV MT much shorter than Delux on 7/5

Milling Date

Head T. Tol

1st series destroyed

602

—

523

1125 75.0 3375

1st series destroyed

521

521

503

1545 68.7 3090

355

513

434

409

83 106 1711 57.0 2566

406

459

480

436

1781 59.4 2672

483

494

541

425

1943 64.8 2914

135 B321B40-3,

907

8/29

9/8

10/3

40/5

RxD

✓926

(128) ✓1004

CI-8343

✓1026

8/29

10/3

51

136

B4035B44-11-4,

908

8/30

9/11

10/3

40/5

TPxR

919

(4861) ✓1015

✓1032

8/30

10/3

51

137

Texas Patha

909

9/1

9/13

10/3

40/5

Sel-A

917

CI-8321-1

(120)

✓1009

✓1019

9/1

10/3

53

138

B4033A4-38-1-16,

910

9/5

9/20

10/8

TPxR-7689

921

(132)

1003

1018

9/5

10/8

51

139

C3-10,

911

9/4

9/18

10/8

7/8 Rexoro

929

Regroup

(122)

1013

8/28

1020

9/4

10/8

50

		Co	Ho	ml Lup
51		S		
0		S		0
51		MS		
0		MS		0
53		Highly on 7/5		
0		S+		0
51		R		
0		R		0
52		R		
0		R		0

VV MT
Very good plot

VV M
drooping leaves

shorter stems than TP flags droop
much more, much greener than
should stand up much better
than TP.

VV M
more erect leaves
than 136

VV M
more like 136
more drooping
than 136

flags droop, very heavy plot
green vegetation, heavy stems
shorter & lighter than TP

VV M Very good
about same maturity as 138
if later vegetation dries back
faster, heads shorter, not as
uniform in ht. flags more erect

Milling Date

Head Total

671

615

750

635

88 108 2671 89.0 4006

451

426

420

417

75 105 1714 57.1 2571

428

395

497

485

80 106 1805 60.2 2708

698

623

587

612

75 108 2520 84.0 3780

650

485

634

540

2309 77.0 3464

140 Hyb Mix-10-44-40, 912 9/10 9/21 10/10 49 1/2
 TP and R x R-D (137) 920 9/28
 1011

1030 9/10 10/10 49

141 C3-22, 913 9/11 9/22 10/13 49 1/2
 7/8 Rexoro (115) 931
 1001

1024 9/11 10/13 49

142 Rexoro 914 9/18 9/26 10/18 47 1/2
 CI-1779 (113) 927
 1008

1031 9/18 10/18 47

143 C3-12, 915 9/14 9/26 10/12 48 1/2
 7/8 Rexoro 924
 1010

1024 9/14 10/12 48

144 B347B41-4, 916 9/21 10/2 10/25 50 1/2
 R x N (143) 922
 1005

1023 9/21 10/25 50

	CO	HO	mph Tip
	S		
0	S		0
	R		
0	R		0
	Highly S on 9/14		
0	St		0
	R		
0	R		0
	R		
0	R		0

MV M

Very good stream, short stream, sturdy
upright flog. Like Rexon except
short stream. Ges. Dishman likes

V M

upright flog, very good, late than
C 3-10, short stream, rather
short hocks, very little earthen
than Rexon

VV M

UV T

Very good

Rexon maturity and lit. Very
much like Rexon, except CO
resistant

VV T

(Excellent neg growth on
7/31, good color)

like Rexon,
except taller
stream hocks, large ptims &
hocks, very clean for H.D.,
not too good for storing
stream

Milling Data

Head Total

560

572

554

470

77 108 2156 71.9 3234

575

498

585

506

82 108 2164 72.1 3246

456

435

430

435

79 108 1756 58.5 2634

722

624

695

606

77 108 2647 88.2 3970

635

595

620

603

2453 81.8 3680

Test No. 10.

145 C45-8087,
Gundry

(112) 933
963
1042

1054 9/18 10/15 55

146 Texas Patna

(134) 934 9/10 9/21 10/10 53
953
1047

1058 9/10 10/10 53

B43-280-1-4
~~B44-2981~~

935 9/4 9/16 10/10 53

147

Straw T.P.

(4644) 958
1044

1049 9/4 10/10 53

148

B32/B45-1,
RxD

(141) 936 9/10 9/22 10/13 51
957
1048

1053 9/10 10/13 51

149

B4030A3-13,

R-7689x R

(83) 937 8/30 9/10 10/2 45
964
1038

1064 8/30 10/2 45

CO

R.

O

R

O

S

O

S

O

R

O

R

O

R.

O

R

O

O

MR

O

V M
Very green straw on 10/25

V T
Very dead straw on 10/25

V M (shorter and darker
green color on 7/31)
shorter than TP

Very clean straw

V MT
Very green leaves on 10/23
Hay stands stay by much
like B 40-3 but at late

M S

Milling Date

Head Total

538

524

593

446

80 108 2101 70.0 3152

483

519

495

456

1953 65.1 2930

620

672

710

697

80 108 2699 90.0 4048

565

628

509

493

85 108 2195 73.2 3292

572

533

650

621

91 108 2376 79.2 3564

150	Hyb Mix-9-44-48,	938	9/14	9/25	10/18	51
	TP and R x Long Sl. (308)	961 1034	1057	9/14	10/18	51
151	Hyb Mix-9-44-36,	939	9/13	9/25	10/19	46
	TP and R x Long Sl. (126)	951 1037 1060	9/13		10/19	46
152	B4031A1-1-13-1-12,	940	9/5	9/21	10/8	46
	TP x R-SBR <i>cut grass</i> (4826)	959 1045	1063	9/5	10/8	46
153	B47-4950,	941	9/5	9/19	10/15	52
	Karang-Serang <i>cut grass</i> (4950)	954 1036	1050	9/5	10/15	52
154	R x P. l.f. Sel.	942	9/6	9/19	10/20	50
	(4891)	956 1043 1055	9/6		10/20	50

HoCo

S

0

S

0

R-M

0

MR

0

R

0

R

0

R

1

Very sturdy strain

0

R

1

R

R

0

~~RR~~

R

~~R~~

0

V T

Rather tall, dry leaves on
10/23, V. good grain type

V T

Short sturdy straw, med gr
type, wide leaves quite
green leaves when harvested

V T

drooping leaves

Very good, med-gr for length
short, V sturdy straw

loosely threshed upright flag

M T

(exceptionally tall on 1/15)
Tallest in group. V. good,
doesn't have drooping
leaves of original (Sweet)

upright flag leaf - very long
flag leaf, very long vegetation. Very
tall taller than TP & Rex Long head

VV T

(quite tall on 2/15)
V. good

A very good San BR type,
quite HO resistant, rather
tall & late, Very good

Milling Date

Head Total

560

517

560

516

76 107 2153 71.8 3230

554

591

408

490

2043 68.1 3064

765

752

681

811

96 108 3009 100.3 4514

485

560

367

572

83 108 1989 66.3 2984

627

596

348

478

2049 68.3 3074

155	B47-5001,	949	8/30	9/13	9/30	50
	Karang-	955				
	Serang Sel.	1041				
	(5001)	1056	8/30		9/30	50
156	B44-2766-1-17-7,	944	9/21	10/1	10/26	52
	Nira Sel.	952				
	(4745)	1046				
		1062	9/21		10/26	52
157	B44-2766-1-16,	945	9/21	10/1	10/26	52
	Nira Sel.	950				
	(144)	1040				
		1059	9/21		10/26	52
158	B4033 A4-38-1-17,	946	9/7	9/20	10/11	50
	TPx R-7689	962				
	(135)	1033				
		1052	9/7		10/11	50
159	B4033 A4-38-1-16,	947	9/8	9/20	10/12	50
	TPx R-7689	960				
	(133)	1035				
		1061	9/8		10/12	50

Co

R-S

0

MR

0

R

0

R

0

R

0

R

0

M-R

0

MR

0

M-R

0

MR

0

leaves dead when cut on 10/23

V V T upright growth, dark
color of Rexon. No taller
than Rexon 7/15.
Very good
purple stems, Very good

Flanged rice grain & maturity, looks
like B32/B40-3, but has
purple stem, gold hulls.

M T
Rather thin stand
poor

Later than Rex, very green
stigma considerable HO

Rather long heads fairly good

V VT

Same as 156

V MT
very good plot

Very good when ripe
leaves beginning to die on 10/23
+ some ab showing when cut (10/23)

V T

Very good when ripe
much like 158 but st
taller & less leaf drying

Milling Data

Hew Total

561

599

537

580

87 113 2277 75.9 3416

517

418

432

583

1950 65.0 2925

441

479

488

530

1938 64.6 2907

596

648

554

591

2389 79.6 3584

638

621

635

560

79 108 2454 81.8 3681

160

B4033A4-31-1-

948

9/14

9/25

10/18

51

TPxR-7689

(4856)

949

1039

1051

9/14

10/18

51

Co
R

o

R

o

V V T (exceptionally tall ^{veg} on
2/15 taller than 159
Better than 159 much taller than
+ 159 A 4-38's on 7/31)

Extremely big vegetation, taller
than 4-38 line

NOCC on 10/27 Taller than A 4-38
line, Very good

558

623

489

625

2295 76.5 3442

301	BR	100.6
302	BR41	86.3
303	B4112A5-5	103.9
304	G6-I-25	79.6
305	Calor	90.1
306	Conway	73.3
307	B42-2693	22.5
308	B323A2-14	60.2
309	Shan TP	57.0
310		20.5
311		13.1
312		12.4
313		10.1
314		13.0
315		10.7
316		32.9
317	Prelude	728.1
318		131.4
319		143.5
320		127.3
321		128.0
322		112.8
323		122.1
324		129.0
		1807.4

325	151.9
326	121.3
327	134.1
328	101.7
329	129.9
330	114.0
331	113.8
332	113.2
333	117.3
334	110.5
335	114.6
336	122.3
337	133.0
338	110.9
339	123.0
340	118.0
341	126.7
342	120.0
343	51.0
344	60.5
345	110.0
346	110.2
347	136.3
348	82.3
349	107.8
	2833.4

28.6 lbs = 1.86
 average yield in
 field plots =
 15.4 lbs

2833.4
 1807.4
 4640.8 / 28.6
 320.
 1296
 1040

Jim Cage out, Hms

B4112A5-5-1, Increase, (6 sacks)
 50x not weight = 894⁴ (combined rice)

180
 340
 350
 81
 971
 30x from rocks
 163.2 coal
 323
 996
 87/
 496
 1367

C6-I-25-12 Increase (13 ox) 332 305
 331 369 325 342
 359 368 327 165
 365 179 330 8119
 365 2336 or 14,42 blbs
 OK 2000

B403/A1-1-8 Inis Increase
 ✓ 4^x Head rows net wt 491 III
 2^{ox} North Δ 1 167 I
 ✓ 1^{ox} South Δ 17.1 I
 ✓ 1^{ox} East Δ 165 I
 3^{ox} Center 395 III
 ✓ 1^{ox} North 1/2 149 ✓ I
 ✓ 1^{ox} Prob head P (3n R.N) 47 I
 1^{ox} 224 } field plots 244.5 I
 1^{ox} 235 } 335

Jim Cage, O.R., Hms

18 29.5
 11.23 blb.
 3.386
 7.844

3386
 491
 486
 500
 486
 1400
 402
 x 1 cloth 24

B 403/A1-24 Increase 2 ex.
 wt weight = 200# dry wt = 179#
 2 ex in cage O.K HNB
 Does not include field plot seed.

B403/A1-1-1-2-1 Inis (12 cloth bags)
 wt weight 215# has 3# for sack wt.
 num. rows 2741 to 3051.
 In cage HNB

B347B40-13 Increase ^{14 ex wet side} 14 ex wet side 28

353	329	346	344	337	331	325	288
352	345	358	334	339	331	339	310
345	355	339	4836	312	322	345	455
361	339	336	wt wt	347	343	283	In cage

CF- 8975 Increase ³⁸

268
 -285
 -287
 205

7 1/2 ex
 1 1/2 " ^{10 ex}
 1042

Rex ro increase

289 2-277
 299 1-159
 292 12194
 301
 298 15 ex
 -279

In cage

Rex ro Pyn Seed
 Wt per foot net

2-296
2-292
2-300
2-319
2-294
2-274
1-143
1918
199

13 ex
 1 1/2 ex not in cage
 In cage

Increase seed lots

Bluebonnet del Head Rows (4 sacks)
 net weight = 643
 dry wt = 602.2

2nd crop JMB

B347B44-13 Rx N Head Rows (4 sacks)
 net wt = 562.5 dry wt -

2nd crop JMB

CT.897.5 Rx N. Head Rows (3 six)
 181.5 483¹/₂ net wt,
 298
 185 364
 483 167 537

gr crop

Hill Patna Head Rows
 no seed

Rexon head Rows
 no seed

Prelude (date seedling)

Caloro (date seedling)

Blue Rose (date seedling)

B4033A4-38 head Row
 1st of 90th
 2nd cage

B4031A1-1-8 Head Row.
 (See 4031A1-1-8 increase)

C6-250-121

4 = 529

4 = 539 Tullis

8sx = 1068th

Wycher has some
 from fert tests.
 2nd cage

302 = 2

145 = 1

82 = 1

529

22 sx Nursery Max

9 sx Bluebonnet (Nursery)
 Tullis plots

8 sx Zenith (Wycher fert tests)

	no sp	net wt	dry wt	clean wt.
✓ B403/A1-1-8	14	1829.5		
✓ C6-250-121	12 ^p			
✓ Heel Patna	—	—	—	
✓ Bluebonnet Sel	4	643	622	
✓ R-N (8975) Head Rows	3	483	537	
✓ " Increase	8		1042	
✓ B347B44-13 Head Rows	4	562.5	550	
✓ " Increase	28	4836	4552	
✓ B403/A1-24	2	200	179	
✓ B403/A1-1-1-2	12	215	215	
✓ C6-I-25-12	13	2336	2119	
✓ B4112A5-5-1	9		11367	
✓ Rexon Iner	15		2194	
✓ Rexon pur lead	13		1918	
✓ B4033A4-38/A Rows	1		90	
Zinnith (Wych foot test)	8			
Bluebonnet (Tullis run)	9			
Nursery mix	22			
Prelude (det seedling)			177	
Calvo (")	20			
Blue Rose (")				
Field plots remnant	28			
Nursery plots			4/6 41	
" guards			640 est	
			640	

20 200
233

no.
sf.

6 100-165-177-179-

3 120-185-185-

3 121-185-185-

3 175-141-83

22½

Field plots =

10

7

$$\text{East triangle} = 160$$

$$\text{center} = 177 - 176$$

$$324 = 171$$

$$B 4609 = 114$$

$$\text{West Pass } 188 - 188 =$$

$$= 177 - 178 =$$

177

186

185

190

183

182

185

190

184

182

191

186

178

183

187

187

176

172

25.4llb ~~4107~~
4107

151

196✓ 196

193✓ 187

193✓ 200

106✓ 196

194✓ 203

194✓ 204

194✓ 203

1275 200

180

1920

$$178 - 188 - 182 - 190 - 65 =$$

~~South - 182 RN from R~~

Century to Winterman

182

#1

100 Field plots #2

~~10th Century to Karmay, La N. Orleans, La.~~

1468

177 - 180

978

0

491

355

399

- 97th

4204

158

about 200th

1920

7.870

1275

1860

1894

69

For head Rows

Zenith (w ych first plots) (3000)

76 Remark

46 B 4031A 1-24-1-2 (from field plot)

56 B 4031A 1-1-8 (from Nurs. Rows) L

83x CI-8975 (637 lbs) L

80 R-N (straw) from nursery field L

90x Remark sel (648 lbs) L

136x TRx R (650 lbs)

138x B 4033A 4-38 (610 lbs) L

141 C 3-22

143x C 3-12 (700 lbs) L

96x Bluebonnet from (540) feeding Nurs. Rows

123x B 438A 1-10 y (625 lbs) Sm BR - BR 41x 8326

Row from Head Row Block L

36A

32 B

166

36c

32c

36D

32D

O.K.

discard

Save heads from F. Plot

no heads needed

collect 200+ heads from line on bed
row block

collect heads from increase field, down plow

Save some heads from field plot
Save some heads

Save 400 lbs from field plot

Save a few heads from field plot

O.K.

Save 200+ heads from field plot

from Head Row block.

48	2	5	105
138	3		109
78	7	10	123
65	4	30	129
69	6	33	
67		49	
		99	

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

U. S. DEPARTMENT OF AGRICULTURE
Official Business

Penalty for private use to avoid pay-
ment of postage, \$300

**U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.**

BUREAU OF PLANT INDUSTRY

**Division of Cotton and Other
Fiber Crops and Diseases**

130
142
154
166
177
188
199
205
213
224
235

only heads about one week.

$$\begin{array}{r}
 31.50 \\
 \underline{162} \\
 1530 \\
 1890 \\
 \underline{315} \\
 51930
 \end{array}
 \quad
 \begin{array}{r}
 28 \\
 \underline{14\frac{1}{2}} \\
 8\frac{1}{2}
 \end{array}
 \quad
 \begin{array}{r}
 16 \\
 6 \\
 \underline{12} \\
 96 \\
 \underline{100} \\
 29
 \end{array}
 \quad
 \begin{array}{r}
 43 \\
 6 \\
 \underline{25} \\
 8
 \end{array}$$

$$\begin{array}{r}
 42 \\
 9 \\
 \underline{378}
 \end{array}$$

$$\begin{array}{r}
 3009 \\
 15 \\
 \underline{15045} \\
 3009 \\
 \underline{45135} \\
 45 \\
 \underline{0135}
 \end{array}
 \quad
 100.3$$

1948

Henry M. Beachell

COMPLIMENTS OF
I. D. ROBERTSON & COMPANY
INSURANCE

700 American National Bank Building
TELEPHONE 4-3305

1948—Calendar—1948

JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Use 13.5 gms per
row in Adv. Nursery

R x N = 85 germinated
28
113

25
14 $\frac{1}{2}$

10 $\frac{1}{2}$

12 $\frac{1}{2}$ 8
12 $\frac{1}{2}$
4 $\frac{1}{2}$

Thursday, JANUARY 1

1st Day—365 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, JANUARY 2

2nd Day—364 days to come

Saturday, JANUARY 3

3rd Day—363 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Sunday, JANUARY 4

4th Day—362 days to come

Monday, JANUARY 5

5th Day—361 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Tuesday, JANUARY 6

6th Day—360 days to come

Wednesday, JANUARY 7

7th Day—359 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, JANUARY 8

8th Day—358 days to come

Friday, JANUARY 9

9th Day—357 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, JANUARY 10

10th Day—356 days to come

Sunday, JANUARY 11

11th Day—355 days to come

	Clear
	Cloudy
	Rain
	Snow



☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, JANUARY 12

12th Day—354 days to come

Tuesday, JANUARY 13

13th Day—353 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, JANUARY 14

14th Day—352 days to come

Thursday, JANUARY 15

15th Day—351 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, JANUARY 16

16th Day—350 days to come

Saturday, JANUARY 17

17th Day—349 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Sunday, JANUARY 18

18th Day—348 days to come

Monday, JANUARY 19

19th Day—347 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Tuesday, JANUARY 20

20th Day—346 days to come

Wednesday, JANUARY 21

21st Day—345 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, JANUARY 22

22nd Day—344 days to come

Friday, JANUARY 23

23rd Day—343 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, JANUARY 24

24th Day—342 days to come

Sunday, JANUARY 25

25th Day—341 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, JANUARY 26

26th Day—340 days to come

Tuesday, JANUARY 27

27th Day—339 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, JANUARY 28

28th Day—338 days to come

Thursday, JANUARY 29

29th Day—337 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Friday, JANUARY 30

30th Day—336 days to come

Saturday, JANUARY 31

31st Day—335 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Sunday, FEBRUARY 1

32nd Day—334 days to come

Monday, FEBRUARY 2

33rd Day—333 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, FEBRUARY 3

34th Day—332 days to come

Wednesday, FEBRUARY 4

35th Day—331 days to come

Clear
Cloudy
Rain
Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, FEBRUARY 5

36th Day—330 days to come

Friday, FEBRUARY 6

37th Day—329 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Saturday, FEBRUARY 7

38th Day—328 days to come

Sunday, FEBRUARY 8

39th Day—327 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, FEBRUARY 9

40th Day—326 days to come

Tuesday, FEBRUARY 10

41st Day—325 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, FEBRUARY 11

42nd Day—324 days to come

Drove to College Station
 In Bmt 6:45 am
 an College Station 11:15

Thursday, FEBRUARY 12

43rd Day—323 days to come

Clear
Cloudy
Rain
Snow

at College Station
and
In College Station 3:10 pm
arr Houston 5:15 pm

	Clear
	Cloudy
	Rain
	Snow

Friday, FEBRUARY 13

44th Day—322 days to come

In Houston 8:40 am
 an Eagle Lake 10:40 am
 In Eagle Lake 1:40 pm
 an Richmond 2:20 pm
 In Richmond 4:20 pm
 an Beaumont 7:50 pm

Saturday, FEBRUARY 14

45th Day—321 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, FEBRUARY 15

46th Day—320 days to come

Am. Boston 8:45 am
Am. Bang. 11:40 am
Am. Bang. 1:40 pm
Am. Richmond 2:30 pm
Am. Richmond 4:30 pm
Am. Brunswick 7:50 pm

Monday, FEBRUARY 16

47th Day—319 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Clear
Cloudy
Rain
Snow

Tuesday, FEBRUARY 17

48th Day—318 days to come

Trip to Angleton to
attend gulf coast
soil conservation annual
meeting

Wednesday, FEBRUARY 18

49th Day—317 days to come

	Clear
	Cloudy
	Rain
	Snow

Faint handwritten notes, possibly describing bird migration or weather observations.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, FEBRUARY 19

50th Day—316 days to come

*Derbydon visited in the
 afternoon. Good
 last. Weather is very
 much better.*

Friday, FEBRUARY 20

51st Day—315 days to come

	Clear
	Cloudy
	Rain
	Snow

Started working on
LNUA irrigation lateral
Hauled some 30" pipe
for flume

	Clear
	Cloudy
	Rain
	Snow

Saturday, FEBRUARY 21

52nd Day—314 days to come

Sunday, FEBRUARY 22

53rd Day—313 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, FEBRUARY 23

54th Day—312 days to come

*Sick leave from
24 to 27 (4 days)*

Tuesday, FEBRUARY 24

55th Day—311 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Wednesday, FEBRUARY 25

56th Day—310 days to come

*Left home from
Boston 27 (4 days)*

Thursday, FEBRUARY 26

57th Day—309 days to come

Clear
Cloudy
Rain
Snow

*Remained in camp - loaded for
50 lbs. of meat and
15 lbs. of rice
Delivered 15 lbs. of meat
from our camp.*

	Clear
	Cloudy
	Rain
	Snow

Friday, FEBRUARY 27

58th Day—308 days to come

Saturday, FEBRUARY 28

59th Day—307 days to come

	Clear
	Cloudy
	Rain
	Snow

David Winterman called for
50 bbls BBTAA and
15 bbls " Reg.
Delivered 75 bbls R x N
from own crop.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, FEBRUARY 29

60th Day—306 days to come

Monday, MARCH 1

61st Day—305 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Tuesday, MARCH 2

62nd Day—304 days to come

completed irrigation
latral and started
working on drainage ditch
north of latral

Wednesday, MARCH 3

63rd Day—303 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, MARCH 4

64th Day—302 days to come

Completed migration
 between and started
 working on drainage ditch
 west of station.

Friday, MARCH 5

65th Day—301 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Working and finally
arrived in Belmont.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, MARCH 6

66th Day—300 days to come

Sunday, MARCH 7

67th Day—299 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Weebing and family
arrived in Beaumont.

	Clear
	Cloudy
	Rain
	Snow

Monday, MARCH 8

68th Day—298 days to come

Harling held SCS meeting of
board of supervisors at station
club, Bernham, Dishman, Gauding,
Nemdon, Amherst, Horling and
station staff were present.

Tuesday, MARCH 9

69th Day—297 days to come

Clear
Cloudy
Rain
Snow

Trip to Lewis to discuss
cattle purchase
Wyer, Tullis, Davis,
Wuling, Moncrief, Dehman &
Boyt present.

completed drag-line work
today.

	Clear
	Cloudy
	Rain
	Snow

Wednesday, MARCH 10

70th Day—296 days to come

Tishman called Cornha in
Washington

Thursday, MARCH 11

71st Day—295 days to come

	Clear
	Cloudy
	Rain
	Snow

worked breeding nursery
Ed hauled seed tractor to station
& completed repairing Case tractor

Clear
Cloudy
Rain
Snow

Friday, MARCH 12

72nd Day—294 days to come

Ed started munging seed rice
worked on panicle row nursery

Saturday, MARCH 13

73rd Day—293 days to come

Clear
Cloudy
Rain
Snow

Trip to Angleton

Brazoria Co. Chamber of Commerce
held meeting.

	Clear
	Cloudy
	Rain
	Snow

Sunday, MARCH 14

74th Day—292 days to come

Monday, MARCH 15

75th Day—291 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Tuesday, MARCH 16

76th Day—290 days to come

Wednesday, MARCH 17

77th Day—289 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, MARCH 18

78th Day—288 days to come

Friday, MARCH 19

79th Day—287 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Saturday, MARCH 20

80th Day—286 days to come

Sunday, MARCH 21

81st Day—285 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, MARCH 22

82nd Day—284 days to come

Clear
Cloudy
Rain
Snow

Wednesday, MARCH 24

84th Day—282 days to come

Julio Arrullano called re
45 bbls scented rice and
25 bbls. Texas Patna.

He will be in Beaumont
on May 10

Thursday, MARCH 25

85th Day—281 days to come

	Clear
	Cloudy
	Rain
	Snow

annual rpt. of USDA work, agreement on management problems.

Moncrief's work (promotion)

Progress rpt. on Rice seedling

Reporting news releases from Station

Handling of livestock, who is responsible additional Aerial funds for breeding seed also State funds.

Student assistant for seed program.

Bookkeeping of TRIA

Stenographers set up. full time or part time

Foreman management.

Seed rice program committee

Outfield plantings of varieties.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Friday, MARCH 26

86th Day—280 days to come

McCall, Greenberry, Amodeo,
Hallowell and Muselman here from
Belleville, Lewis from College
arr. Thursday P.M. Left
Saturday morning.

Saturday, MARCH 27

87th Day—279 days to come

	Clear
	Cloudy
	Rain
	Snow

USDA men and Lewis
left Butte for College Station

	Clear
	Cloudy
	Rain
	Snow

Sunday, MARCH 28

88th Day—278 days to come

Monday, MARCH 29

89th Day—277 days to come

	Clear
	Cloudy
	Rain
	Snow

Ed. building fences.

Cleaned seed for anthesis tests

on hills to the north of Cambridge
from south of Anglin's. Saw
P. cottony and P. pyrenae.
Remained. Did not see plot

	Clear
	Cloudy
	Rain
	Snow

Tuesday, MARCH 30

90th Day—276 days to come

Wednesday, MARCH 31

91st Day—275 days to come

	Clear
	Cloudy
	Rain
	Snow

Drove to Anshuar to see
about seeding Increase plantings
on holly form. Visited Canada
farm south of Anshuar. Saw
pastures and phoristic.
Bernard disked small plot
area.

Clear
Cloudy
Rain
Snow

Thursday, APRIL 1

92nd Day—274 days to come

Saw Co. Commissioner re
building of roads in small
plot area.

agreed to build 3 roads in
small plot area as soon as
large "Cat" grade are available
(prob. Monday April 5).

Monthly meeting

assignments

- ① Cattle for 175 acres rice stubble
- ② April 12 conference with Ashby,
Kramer + Hugo on rice drying &
storage
- ③ Laboratory building plan
stress Agronomy lab.
work with Tullis
- ④ Roads in small plot area

Friday, APRIL 2

93rd Day—273 days to come

Clear
Cloudy
Rain
Snow

To roll form to plant
seed measure of Remark,
B4031A1-3-2 and B4033A4-28.

Fertilized with 16-20-0 at
about 120# per acre. Seed
treated with Arasan.

□ lateral

TPxR-7689

Sever

Remark

skip

Head Row

TPxR-SBR(B4031A1-3-3) seed

" seed from 7 plots and 2 m. 84%

~~was~~ was very grassy on June 24th.

Staked off 1 roadway for graders.

Bernard graded out lateral to fields 6-7

	Clear
	Cloudy
	Rain
	Snow

Saturday, APRIL 3

94th Day—272 days to come

Planted *lespedeza* ^(Kobe) in Expt. pastures
Disked nursery land.

Returned seed tester to Broussard's

Plowed out lines in small plot area
for roadway on east side of R-N field.

Sunday, APRIL 4

95th Day—271 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, APRIL 5

96th Day—270 days to come

County to start grading roads.

Graded emergency road.

Returned and treated to business.

Spent with family in small plot area
for working on road side of E-W field.

Tuesday, APRIL 6

97th Day—269 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Wednesday, APRIL 7

98th Day—268 days to come

Country to start going north

Thursday, APRIL 8

99th Day—267 days to come

Clear
Cloudy
Rain
Snow

TPR-7689 Lot B
showed 3 Red. green
purple

Lot A showed no
Reds

not with TPR board of
Director at dist. station

Took up land dist.; cattle;
honey, etc.

Went out sample of 1000
mushrooms

Clear
Cloudy
Rain
Snow

Friday, APRIL 9

100th Day—266 days to come

Saturday, APRIL 10

101st Day—265 days to come

Clear
Cloudy
Rain
Snow

TPxR-7689 lot B
showed 3 Red grams
per pound.

Lot A showed no
Reds

met with TRIA board of
directors at Old Station

Took up land deal; cattle;
Reversionary clause; etc.

Handed out samples of RxN
milled rice.

	Clear
	Cloudy
	Rain
	Snow

Sunday, APRIL 11

102nd Day—264 days to come

Monday, APRIL 12

103rd Day—263 days to come

Clear
Cloudy
Rain
Snow

meet with Kromer, et al.

Kromer, Lecky, Kromer,

Biddle, Hubbell, and

of Engineering

division, were in But on

with them concerning

rice drying and storage

project

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, APRIL 13

104th Day—262 days to come

Wednesday, APRIL 14

105th Day—261 days to come

Clear
Cloudy
Rain
Snow

Kramer, Ashby, Turner,
Hedden, Hukill, and
of Engineering
division were in Burton
Wed & Thurs. concerning
rice drying and storage
project

	Clear
	Cloudy
	Rain
	Snow

Thursday, APRIL 15

106th Day—260 days to come

Friday, APRIL 16

107th Day—259 days to come

Clear
Cloudy
Rain
Snow

Started weighing nursery
yeld samples, $\frac{1}{2}$ day.

Clear
Cloudy
Rain
Snow

Saturday, APRIL 17

108th Day—258 days to come

Seeded 10 acre fields
on new pasture expt.
using Bluebonnet Reg. Seed

used 16 26 # seed

" 3,050 # 16-20-0 fert.

Drill set on 19 (left) and 23 (right) for seed
3 (left and 3 (right) for fert

86.7 # per A of seed and 162.7 # fert.

Seeded in a moist seed
bed that had been
spring-tooth harrowed
on April 16. Heavy rain of
about $1\frac{1}{2}$ - 2 inches fell on
April 5-6. Land had been
disked prior to rain.

9,375 A per pasture

Sunday, APRIL 18

Clear
Cloudy
Rain
Snow

109th Day—257 days to come

10 acre fields {

April	13
May	34
June	30
July	21
	105
August	31
	126

Harvest on or about Sept 1.
1st head Aug 1

16.

162

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, APRIL 19

110th Day—256 days to come

[Faint, illegible handwriting covering the page, likely bleed-through from the reverse side.]

Tuesday, APRIL 20

111th Day—255 days to come

	Clear
	Cloudy
	Rain
	Snow

Checked leaves in
small plot area with
clyde

	Clear
	Cloudy
	Rain
	Snow

Wednesday, APRIL 21

112th Day—254 days to come

Thursday, APRIL 22

113th Day—253 days to come

	Clear
	Cloudy
	Rain
	Snow

Checked fences in
small plot area with
Clyde

By Treadwell
up to good stand, except
in tractor tracks which
did not penetrate much
flooded

Cattle were delivered to
Station

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Friday, APRIL 23

114th Day—252 days to come

~~Worked on small~~
~~plot area with Clyde~~
 worked on nursery
 samples

Saturday, APRIL 24

115th Day—251 days to come

Clear
Cloudy
Rain
Snow

Flushed Bluebonnet in
pasture expt. By Sunday
considerable rice was
up. By Tuesday April 27
up to good stand, except
in tractor tracks which
did not germinate until
flushed

Cattle were delivered to
Station.

Clear
Cloudy
Rain
Snow

Sunday, APRIL 25

116th Day—250 days to come

Heavy rain of about 2
inches at new Station

Monday, APRIL 26

117th Day—249 days to come

Clear
Cloudy
Rain
Snow

Lawson & Anderson, went
up in plane

Helped Tuller make
up deacon money for
single women of St. Peter
& Aphrodite.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, APRIL 27

118th Day—248 days to come

*Heavy rain about 2
miles at new station*

Wednesday, APRIL 28

119th Day—247 days to come

Clear
Cloudy
Rain
Snow

Saw Andean, went
up in plane

Helped Tullis make
up disease nursery for
single rows of Stem Rot
& Aphidolus.

Clear
Cloudy
Rain
Snow

Thursday, APRIL 29

120th Day—246 days to come

worked on breeding mares.

Friday, APRIL 30

121st Day—245 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, MAY 1

122nd Day—244 days to come

worked on building new

Sunday, MAY 2

123rd Day—243 days to come

	Clear
	Cloudy
	Rain
	Snow

Clear
Cloudy
Rain
Snow

Monday, MAY 3

124th Day—242 days to come

Trip to Angleton to seed
12 varieties in Fortuna field
on Blackwell farm.

seed bed too rough to do
satisfactory job. Only 2 repls,
sown.

In future always find
out condition of seed bed
prior to making trip.

Tuesday, MAY 4

	Clear
	Cloudy
	Rain
	Snow

125th Day—241 days to come

spring toothed & harrowed (groo harrow)
 Seeded 4 plate of rice for
 Cramer in well prepared seed bed.
 Altipachay after seeding North
 Revoro } on west Caloro } on east
 BK } Prelude } South

Seeded 48 rows each variety

used $8\frac{1}{2}$ # Revoro 13.9 -
 " BK 13.0 - or
 " Caloro 13.9 - or
 " 10 # Prelude

Set drill on 2nd mark from
 left for Rev + BK, closed 1 mark for
 Caloro + opened 1 mark for Prelude
 feed was not trusted
 Caloro + Prelude from ark
 BK from Kishi
 Revoro from Station Increase

spring toothed and harrowed area for
 wild bursera, also marked it
 off.

Clear
Cloudy
Rain
Snow

Wednesday, MAY 5

126th Day—240 days to come

Seeded yield nursery in well
prepared seed bed, sown fairly deep
and in moisture. Cultivated
twice after sowing. A very
uniform job of sowing.

Rain of over 1 inch on night
of May 5.

May 26
June 30
July 31
Aug 31

118

Thursday, MAY 6

127th Day—239 days to come

Clear
Cloudy
Rain
Snow

Rain prevented field work,
worked on breeding nursery
sucking plane

	Clear
	Cloudy
	Rain
	Snow

Friday, MAY 7

128th Day—238 days to come

worked on breeding
nursery seedling plants.

Saturday, MAY 8

129th Day—237 days to come

	Clear
	Cloudy
	Rain
	Snow

Sent out TR/A bills

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, MAY 9

130th Day—236 days to come

Trip to Houston to see
Annual Sports Show. with
mission

Monday, MAY 10

131st Day—235 days to come

	Clear
	Cloudy
	Rain
	Snow

Julio Arrellano will visit
Station. Is on way to California
Date changed to May 20-25

Treated seed for field
plots. Spring toothed
land for field plots.

	Clear
	Cloudy
	Rain
	Snow

Tuesday, MAY 11

132nd Day—234 days to come

Seeded $1\frac{1}{2}$ blocks of Field
plots, stopped in P.M. by heavy
rain.

yield nursery and date seeding

1st emerged May 11

Full May 15.

Drill set on 1 turn less
than 2nd mark (Red mark)
for all varieties.

fertilized same as yield
nurs. & all other plots about
 150^{th} 9-16-20-0 per A.

Wednesday, MAY 12

133rd Day—233 days to come

	Clear
	Cloudy
	Rain
	Snow

Wall cattle crossed field
mursery doing considerable
damage.

Took bids on seed rice
remnants.

High bidder was
River Bend @ \$13 ⁰⁰, all or
none.

	Clear
	Cloudy
	Rain
	Snow

Thursday, MAY 13

134th Day—232 days to come

met with wall re fence
along east boundary of farm

Sever push was returned
by Resco, Co.

Friday, MAY 14

135th Day—231 days to come

Clear
Cloudy
Rain
Snow

met with Dishman, et al
re location of cattle shed and
pens and location of east
boundary fence

Clear
Cloudy
Rain
Snow

Saturday, MAY 15.

136th Day—230 days to come

met with Long and Stagg
at new station.

Started hauling rice
to home for loading.

Seeded portion of old
station by air using
sprouted seed on flooded
field.

H.O. reaction of F₂ lines.
showed a wide range in reaction from
practically free to very susceptible, in
fact many seedlings were killed.
graded readings varied from 1 for
highly resistant to 10 for very
susceptible.

Jones is saving seed from
a number of most resistant seedling
yellow lethal present in several
lines. Seedlings held in insulation chamber
24-48 hrs. after spraying; Readings 3-5 days later.

Sunday, MAY 16

137th Day—229 days to come

Clear
Cloudy
Rain
Snow

Bureau does not approve work for individual or group while on Federal payroll but ~~must~~ ^{may} approve if annual leave ^{or leave without pay} is taken and absence will not seriously affect work. Individual or organization can pay all expenses and salary at rate of Govt salary.

Take annual leave or leave without pay ^{for such trips}. Any annual leave in excess of 60 days could well be used in the manner before, it is unused which may possibly happen at some time in the future.

Clear
Cloudy
Rain
Snow

Monday, MAY 17

138th Day—228 days to come

Seeded balance of field plots
except east half of north block

1st block and half sown on

May 11 was 1st emerged May 16
Full May 21!

Tuesday, MAY 18

139th Day—227 days to come

Clear
Cloudy
Rain
Snow

completed seeding field plots
and seeded 2nd date of
drying upst

Revar	BK
caloro	Prelude

Ext
check var. order

South

Rain of nearly 1 inch fell
in p.m. stopping seeding
operations

1st emerged May 23

July " " 28

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Wednesday, MAY 19

140th Day—226 days to come

worked on breeding
nursery
Sent Cable gram to Julio
regarding combines

Thursday, MAY 20

141st Day—225 days to come

Clear
Cloudy
Rain
Snow

Balance of cattle delivered to
station. Looked over Coastal
cattle sales ring + pens.
staked off east small
plot strip.

Clear
Cloudy
Rain
Snow

Friday, MAY 21

142nd Day—224 days to come

[Faint, illegible handwriting visible through the paper]

Saturday, MAY 22

143rd Day—223 days to come

	Clear
	Cloudy
	Rain
	Snow

2-4D confound at Court
House.

Pushed boxes in small
plot area.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, MAY 23

144th Day—222 days to come

Monday, MAY 24

145th Day—221 days to come

	Clear
	Cloudy
	Rain
	Snow

Sided breeding nursery.
Rows 5601 and above to 5715+
above.

Revised seedling order of following:

7864 and 66

8064 " 66

8264 " 66

8464 " 66

	Clear
	Cloudy
	Rain
	Snow

Tuesday, MAY 25

146th Day—220 days to come

Wednesday, MAY 26

147th Day—219 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, MAY 27

148th Day—218 days to come

Friday, MAY 28

149th Day—217 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Saturday, MAY 29

150th Day—216 days to come

Sunday, MAY 30

151st Day—215 days to come

Clear
Cloudy
Rain
Snow

At 10:30 a.m. the first of
the heavy rain fell. It was
very much like the rain of
last year. It was very much
like the rain of last year.
completed on June 2
all the morning. It was
very much like the rain of
last year. It was very much
like the rain of last year.
at 10:30 a.m. the first of
the heavy rain fell. It was
very much like the rain of
last year. It was very much
like the rain of last year.

At 10:30 a.m. the first of
the heavy rain fell. It was
very much like the rain of
last year. It was very much
like the rain of last year.
completed on June 2
all the morning. It was
very much like the rain of
last year. It was very much
like the rain of last year.

At 10:30 a.m. the first of
the heavy rain fell. It was
very much like the rain of
last year. It was very much
like the rain of last year.
completed on June 2
all the morning. It was
very much like the rain of
last year. It was very much
like the rain of last year.

Clear
Cloudy
Rain
Snow

Monday, MAY 31

152nd Day—214 days to come

Finished seeding north east block
of breeding nursery 57 to end

Seeded 2nd date seeding for
engineers

west	Blue Rose	Rexon
	Caloo	Prelude
south		

Drill set on Red mark (2nd
from left for Prelude) and
1 Turn less for BK Caloo
and Rexon

Tuesday, JUNE 1

153rd Day—213 days to come

Clear
Cloudy
Rain
Snow

Started seeding south half of
breeding nursery 2001 & up
completed on June 2

all breeding nursery fertilized
at rate of 150 of 16-20-0

	Clear
	Cloudy
	Rain
	Snow

Wednesday, JUNE 2

154th Day—212 days to come

seeded balance of breeding
nursery

2040 to 2200

$$\begin{array}{r}
 160 \\
 \times 18 \\
 \hline
 1280 \\
 160 \\
 \hline
 2880 \text{ rows in 1 day.}
 \end{array}$$

Missed 13 row series. Determine
which when rice comes up.

3 rows not sown were in last series
(5500 group) They were later sown
following ~~5600~~ 5400 and 5200
with smallest number. ~~2nd~~ + largest
5790 was missing

Thursday, JUNE 3

155th Day—211 days to come

	Clear
	Cloudy
	Rain
	Snow

Seeded triangular piece at
south end of 2nd block to seed
of B403/A1-18

Put in lateral in west block
made 25 feet wide.



	Clear
	Cloudy
	Rain
	Snow

Friday, JUNE 4

156th Day—210 days to come

completed bulk-hybrid plots

used 1947 numbers except as

indicated: 530 = 47-572; 532 = 47-574
531 = 47-573; 533 = 47-575

N lot	535-551	552	-568
	501-517	518	-534

South

569 }
570 } soon on east boundary
571 }

of (2nd group west side) breeding nursery
in

Saturday, JUNE 5

157th Day—209 days to come

	Clear
	Cloudy
	Rain
	Snow

Trip to Hungerford
with Davis, Dickman and
Bauer to obtain Bulls for
Station

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, JUNE 6

158th Day—208 days to come

Seeded 75 acre of
Bluebonnet at new station,
seed sprouted and was just
breaking hull

Monday, JUNE 7

159th Day—207 days to come

	Clear
	Cloudy
	Rain
	Snow

Sueded head row
matured and seed increase.

Julia Arellano arrived in
Beaumont

Arthur Owen started
work

10 acre BBT fields were
becoming definitely off
color, prob. due to
running out of 16-20-0
fertilizer.

7 weeks old when discoloration
was becoming apparent.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, JUNE 8

160th Day—206 days to come

Seeded head row material
and seed increase material
Started watering next
small plot area, completed
watering on June 10.

Wednesday, JUNE 9

161st Day—205 days to come

Clear
Cloudy
Rain
Snow

Seded head Row and
seed mine material

Dishman & Arellano
drove to Hungerford for
Bushman Bucks

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, JUNE 10

162nd Day—204 days to come

seeded seed increase
material and marked
off lines in east nursery
strip. Shower in pm.
stopped work.

Friday, JUNE 11

163rd Day—203 days to come

Clear
Cloudy
Rain
Snow

Pushed lines on
last nursery strip

Trip to Houston with
Allan

Saileaux stopped
working.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, JUNE 12

164th Day—202 days to come

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

Sunday, JUNE 13

165th Day—201 days to come

	Clear
	Cloudy
	Rain
	Snow

Drove to Johnston

Clear
Cloudy
Rain
Snow

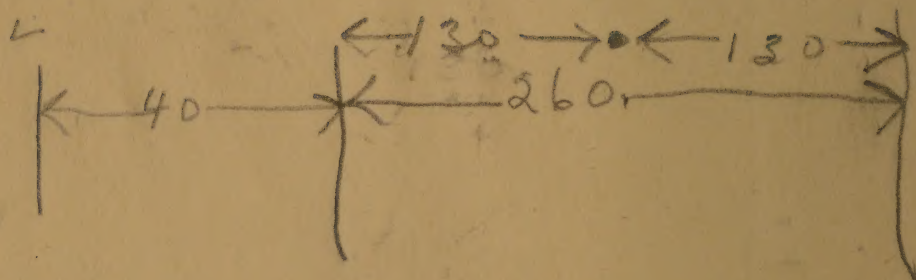
Monday, JUNE 14

166th Day—200 days to come

Arellano left Bmt for
California

Dramed 10 acre BBT fields

$$\begin{array}{r}
 12 \\
 11 \quad 1 \\
 \hline
 2 \\
 130 \\
 40 \\
 \hline
 130 \\
 \hline
 300
 \end{array}$$



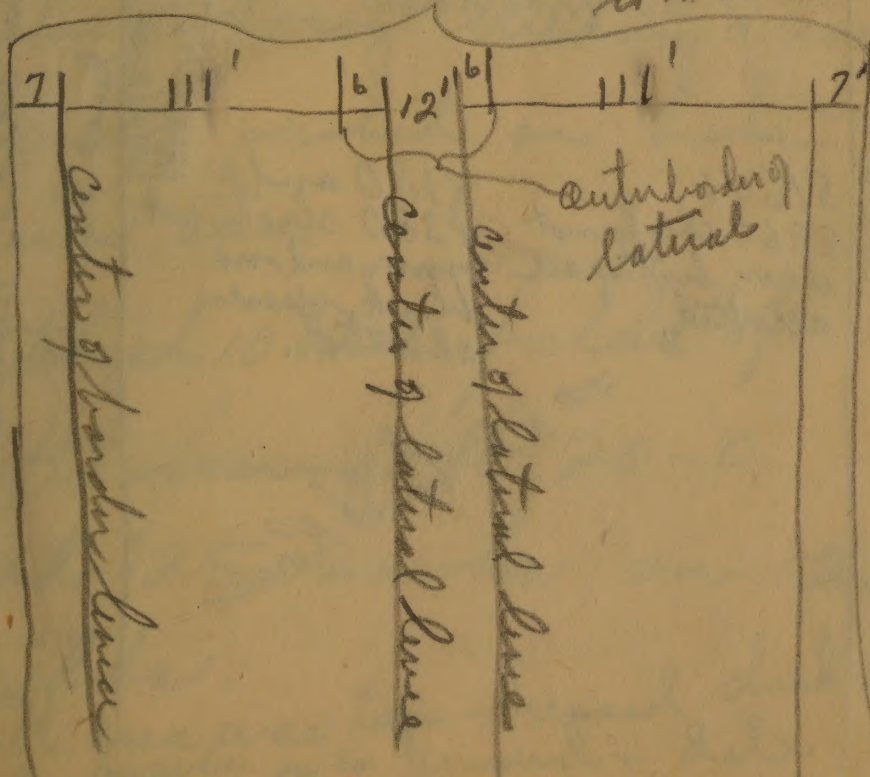
Tuesday, JUNE 15

167th Day—199 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

completed marking off
lines and soded
head row and soded merian
material.

Pushed fences on
east nursery strip and
put in lateral
260' from road ditch to
road ditch



30
Thursday, JUNE 17

169th Day—197 days to come

Clear
Cloudy
Rain
Snow

It lunched east nursery
strip June 17-19

completed rolling in on

Lake Charles area and runs
had been planted June 16. Fertilized at
rate of approximately 150 # 16-20-0 per Acre
Lenses, (Weibing and Stagg
aspirated).

L. Ch. area had been plowed with moldboard
plow about June 10-13, disked rough and
harrowed in P.M. laid off lateral
to Lake Charles area and
Weibing forage breeding areas.

Lenses pushed on Lake
Charles area.

Fertilized 10 acre fields of
BPT using 16-20-0.

Used 25 sacks on 2
fields.

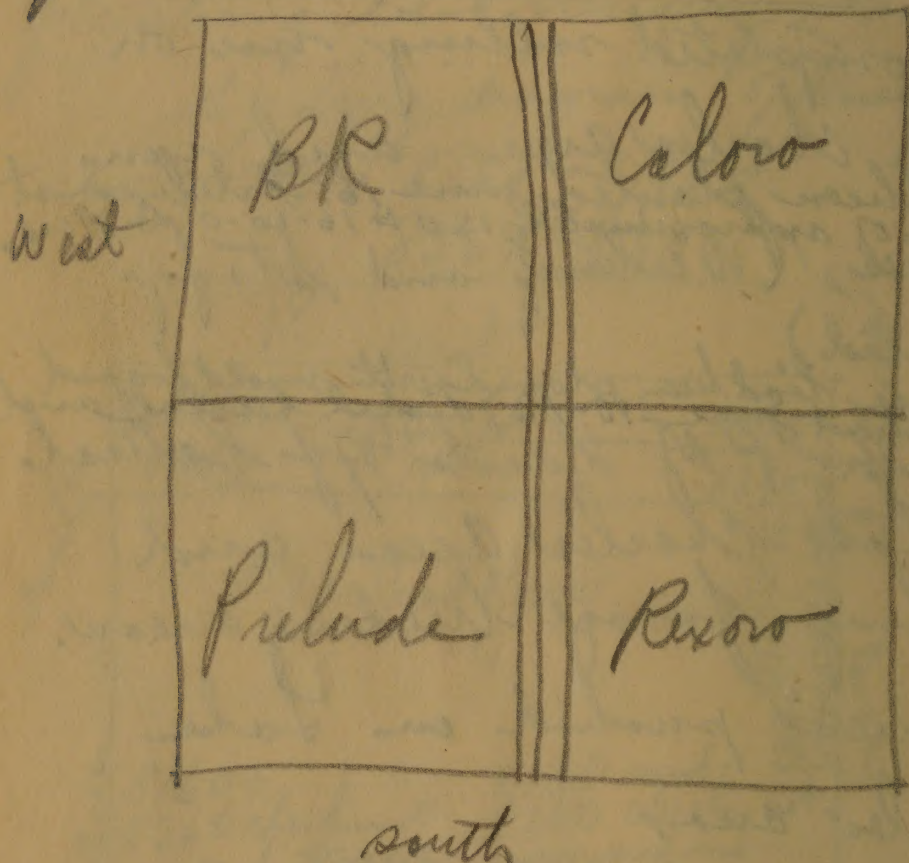
L. Ch. area was top-dressed check with
L. Davis as to amount + date.

	Clear
	Cloudy
	Rain
	Snow

Friday, JUNE 18

170th Day—196 days to come

Seeded last date of seeding
for Engineers



I husked June 19th
sprayed 10 acre B&B fields
Used 2 pints of 40% material
per acre.

Saturday, JUNE 19

171st Day—195 days to come

Clear
Cloudy
Rain
Snow

Flooded 10 acre B&B
fields on 19th & 20th
were extremely off color,
from lack of nitrogen
fertilizer.

TRIA board of directors
meeting

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, JUNE 20

172nd Day—194 days to come

[Faint, illegible handwriting, possibly a journal entry or list, with some words like "June 20" and "172nd Day" visible.]

[Faint, illegible handwriting, possibly a journal entry or list, with some words like "June 20" and "172nd Day" visible.]

Monday, JUNE 21

173rd Day—193 days to come

Clear
Cloudy
Rain
Snow

Trip to Houston with
Audrian to inspect rice fields
Fertilized 75 acre field of
Bluebonnet with 16-20-0
Used less than 75 sacks

First water on June 25 to
July - ?

Soil was extremely dry and
many plants were laying on
the ground and root system
very sparse. It appears that
most will recover.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, JUNE 22

174th Day—192 days to come

Wednesday, JUNE 23

175th Day—191 days to come

	Clear
	Cloudy
	Rain
	Snow

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, JUNE 24

176th Day—190 days to come

Arrellano returned from
California, attended
White Heron, Irish Fry
in Anahua.

West nursery strip all
flooded by Friday.

Friday, JUNE 25

177th Day—189 days to come

	Clear
	Cloudy
	Rain
	Snow

Started flooding
75 acre Bluebonnet field.

Rice on east strip, north
of breeding nursery emerged
to fairly good stands by
June 24th

Breeding nursery was very
irregular in time of seedling
emergence due to absence of
irrigation water. Exceptionally
free from weeds and grass!

	Clear
	Cloudy
	Rain
	Snow

Saturday, JUNE 26

173th Day—188 days to come

Started flushing east
nursery strip, completed
by 2nd ~~th~~

Sunday, JUNE 27

179th Day—187 days to come

	Clear
	Cloudy
	Rain
	Snow

Technical Assistance
Advance from TR/A of State or
Ideal paid men.

See water facilities

Working balance of small plot area
(who?) Method of Workings
Should be by blocks

R-N area, now for control
of red rice & volunteer rice.

grain, many slightly yellow
but picking excellent growth
unfertilized areas making
extremely poor growth.

	Clear
	Cloudy
	Rain
	Snow

Monday, JUNE 28

180th Day—186 days to come

Worked at Station in a.m.
new car delivered in p.m.

Tuesday, JUNE 29

181st Day—185 days to come

Clear
Cloudy
Rain
Snow

Thunder showers ~~continuing~~.
started about middle of
week

Had been extremely dry
and hot up to this time.

all of west nursery area
flooded ^{except v. young date seedling in}. Maintaining flood on
area. Field plots a little off color.
yild nursery slightly yellow
but making excellent growth.
unfertilized areas making
extremely poor growth.

	Clear
	Cloudy
	Rain
	Snow

Wednesday, JUNE 30

182nd Day—184 days to come

Laid off lateral in R-N
Area for Moncrief.

Thursday, JULY 1

183rd Day—183 days to come

	Clear
	Cloudy
	Rain
	Snow

monthly meeting in am
worked on annual report
in pm.

Flushed 5 acre increase
field of TP x R-7689 on July 2
or 3.

Rain (thundershowers
continuing)

Morgan started flooding
rice on 2nd nursery
strip. Breeding nursery
had been used.

In pm worked with Noble
on TRIA accounts.

	Clear
	Cloudy
	Rain
	Snow

Friday, JULY 2

184th Day—182 days to come

Worked on Annual report
In pm

Saturday, JULY 3

185th Day—181 days to come

	Clear
	Cloudy
	Rain
	Snow

To beach for weekend

Clear
Cloudy
Rain
Snow

Sunday, JULY 4

186th Day—180 days to come

*Four hours of sleep
 worked on Annual report
 2:30 pm*

Monday, JULY 5

187th Day—179 days to come

Clear
Cloudy
Rain
Snow

Worked on Annual report
at Beach

Land planes delivered to
Station on July 6th by
Cook & Co.

Clear
Cloudy
Rain
Snow

Tuesday, JULY 6

188th Day—178 days to come

Thunder showers continuing
worked on annual report
data

Charley Simmons stopped
over on way to Guatemala

Started mowing R-N area.
good rain at station - sufficient
for alyce clover seed bed.
alyce clover coming up to
very good stand

TP x R-7689 on Lake Charles
area which was sown June 16

Flushed July 2+3

1st emerged July 4

fully emerged July 9

a very good stand free from
grass, some weeds.

Wednesday, JULY 7

189th Day—177 days to come

Clear
Cloudy
Rain
Snow

weighed cattle from experimental pastures and heifers from 1947 Rice field (Fields 1-5) all in exceptionally good shape.

Started lowering water in yield nursery. Rice has made very good growth to this point but at present is definitely off color and not growing.

Field plots are approaching the same condition. Water to be allowed to go down on field plots.

Bids for sale of old Station farm were opened.

	Clear
	Cloudy
	Rain
	Snow

Thursday, JULY 8

190th Day—176 days to come

Friday, JULY 9

191st Day—175 days to come

	Clear
	Cloudy
	Rain
	Snow

yield nursery and field
plots drained by this
date

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, JULY 10

192nd Day—174 days to come

Sunday, JULY 11

193rd Day—173 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, JULY 12

194th Day—172 days to come

*Looked over Wallace & Benoit
fields of rice fertilized in water.*

Tuesday, JULY 13

195th Day—171 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Trip to Denver with Davis.
Saw Magnolia and Juniper
R & N + B&B fields of Boyte.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Wednesday, JULY 14

196th Day—170 days to come

Thursday, JULY 15

197th Day—169 days to come

	Clear
	Cloudy
	Rain
	Snow

Started fertilizing yield
nursery.

Early blocks to be
flooded on July 16

attended farm & Ranch club meeting

	Clear
	Cloudy
	Rain
	Snow

Friday, JULY 16

198th Day—168 days to come

Fertilized Rice-Pasture
 blocks of rice. Used
 19 ~~ss~~ fertilizers (16-20-0)

25 ~~ss~~ on June 17
 30 ¹/₂ ~~ss~~ on April 17

74 ¹/₂
~~14-16-20-0~~

~~266 lbs per acre~~

~~42 #~~
~~42 #~~
~~42 #~~

Saturday, JULY 17

199th Day—167 days to come

	Clear
	Cloudy
	Rain
	Snow

6⁴/₄

5⁶/₄

16

30.50

19.00

49.5

392

1330

1188

222

400

18.6⁸/₈

~~18.8~~ 27

	Clear
	Cloudy
	Rain
	Snow

Sunday, JULY 18

200th Day—166 days to come

[Faint, illegible handwriting covering the lower half of the page, possibly a ledger or journal entry.]

Monday, JULY 19

201st Day—165 days to come

Clear
Cloudy
Rain
Snow

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, JULY 20

202nd Day—164 days to come

Sam Whitlow will
be at new Station in A.M.
to look over varieties &
breeding equipment.

Wednesday, JULY 21

203rd Day—163 days to come

Clear
Cloudy
Rain
Snow

Rice growers barbecue
Seeded Davis drying Expt
Sample in pm. Most of
east strip beginning to
dry down.

West strip
nursery fertilized &
most blocks flooded.
Field plots all fert
except 1 block & irrigation
commenced on most blocks

	Clear
	Cloudy
	Rain
	Snow

Thursday, JULY 22

204th Day—162 days to come

Trip to La Belle with
 my son. Looked over
 B&T, showing sun scald,
 no apparent damage from
 salt. Heading normally
 over most of field. Same
 field looked O.K. on July 31
 but water getting very low and
 doubtful if field will mature
 satisfactorily unless more water is
 applied. Field fully headed on
 July 31

Friday, JULY 23

205th Day—161 days to come

	Clear
	Cloudy
	Rain
	Snow

Trip to beach with Ron's
Applied Uramon fertilizer
on 75 acre field of Bluebonnet.
Used sx

Field was partially flooded
at time of fertilization. Was
wet all over but not flooded
in all places.

Completed flooding all of
field plots test.

	Clear
	Cloudy
	Rain
	Snow

Saturday, JULY 24

206th Day—160 days to come

Arthur cut out labels for
field plot stakes

Sunday, JULY 25

207th Day—159 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, JULY 26

208th Day—158 days to come

Started fertilizing blocks of
seed increase on east strip
using 10[#] Uramon per block of
approximately $\frac{1}{10}$ acre.

Completed fertilizing blocks on
July 29.

Started flooding east
strip on 26th all flooded
but breeding nursery by
July 31st.

8 Tuesday, JULY 27

209th Day—157 days to come

Clear
Cloudy
Rain
Snow

worked on field plot
stakes

John Dick, Cambridge

in Boston Bay 12 1/2

about 1880

Clyde Hamner, Cambridge

10 days

Arthur E. Oliver 109

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Wednesday, JULY 28

210th Day—156 days to come

Trip to Rivers to get
meat for field day
barbecue

a few heads showing in
Rice - pasture B/Bt fields
~~first head on~~

Thursday, JULY 29

211th Day—155 days to come

Clear
Cloudy
Rain
Snow

George O. Adams .85

Rt 5, Box 455,
\$27.20

John Dick Cloy .85

Rt 5, Box 262
\$27.20

Clyde Cannon, Jr. .85 .68.⁰⁰
10 days

Arthur E. Owen 1.04 \$41.20

	Clear
	Cloudy
	Rain
	Snow

Friday, JULY 30

212th Day—154 days to come

Field Day held at
expt station

Saturday, JULY 31

213th Day—153 days to come

Clear
Cloudy
Rain
Snow

Trip to La Belle with Leo.
Saw Zennett field, with some water
on it. Moist 80% headed. Heads beginning
to be dehydrated, looked duller &
did not appear to be heading properly.
Leaves were extremely fired for some
time before heading.

Saw several BBT fields which
did not have any water on them.
Roots were dead and panicles
were dead or dying. Ground moist
in some instances & cracked open
in others.

Later rice with water on it
looked o.k. but roots in very bad
condition. Most of root dead but some
live branches remaining.

R-N field very badly hit. Stalks
very brittle & break easily at Crown.
Soil moist in R-N field & some water
present. Root system apparently dead.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, AUGUST 1

214th Day—152 days to come

*To Rice growers meeting at
Beach*

Monday, AUGUST 2

215th Day—151 days to come

Clear
Cloudy
Rain
Snow

Rice growers meeting at
beach

Drove to La Belle with Whitlow
much injury in orchard
rice due to salt water.

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, AUGUST 3

216th Day—150 days to come

at beach

*attended Rice growers meeting
at Bolivar (all day)*

Wednesday, AUGUST 4

217th Day—149 days to come

Clear
Cloudy
Rain
Snow

~~Annual~~
monthly meeting in a.m.
to Hockley and Bay City in
p.m.

irregular meeting of Sunday
morning noon. Fair and
fine. Cloudy. Fine day. No
change of water.

and other grass cut
for hay. Birds about 5
seen in am. 1 hour at 12.2
3 " " at 10.4
on Saturday 5 " " at 12.0

Total 7-10. 1 hour drying
mixture. 1st on Monday and
10% moisture.

	Clear
	Cloudy
	Rain
	Snow

Thursday, AUGUST 5

218th Day—148 days to come

Boy City field day.

Friday, AUGUST 6

219th Day—147 days to come

	Clear
	Cloudy
	Rain
	Snow

weighed cattle, worked on
field notes.

Mr. Leopold Aguilera
arrived from Habana, Cuba.

Completing watering of Breeding
nursery rows. Lower end is
quite badly dried due to
shortage of water.

Dried Bahia grass seed for

Pet Bayt. - Dried about 5
hours in am. 2 hours at 122
3 " at 104

on Saturday 5 " at 120

Total 9-10 hours drying
moisture test on Monday showed
90% moisture.

	Clear
	Cloudy
	Rain
	Snow

Saturday, AUGUST 7

220th Day—146 days to come

To Coastal Cattlemen's
annual barbeque at Anshuac
visited Link's fields
of new varieties with
Aguilera.

Arthur E. Owen

31 - $6\frac{1}{2}$

Aug 2	-	$4\frac{1}{2}$
3	-	$4\frac{1}{2}$
5	-	$4\frac{1}{2}$
6	-	$4\frac{1}{2}$
7	-	$6\frac{1}{2}$

Sunday, AUGUST 8

221st Day—145 days to come

	Clear
	Cloudy
	Rain
	Snow

Faint handwritten notes, possibly describing weather or observations.

Carl Griffith worked

	Clear
	Cloudy
	Rain
	Snow

Monday, AUGUST 9

222nd Day—144 days to come

Rogued Rexack at Nolte's
 considerable B&B in field.
 and several patches of Red
 rice

Tuesday, AUGUST 10

223rd Day—143 days to come

	Clear
	Cloudy
	Rain
	Snow

Early maturing field plots
heading with no water on
land, not thoroughly
dried out but getting fairly
dry

Carl Griffith worked

	Clear
	Cloudy
	Rain
	Snow

Wednesday, AUGUST 11

224th Day—142 days to come

Thursday, AUGUST 12

225th Day—141 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

week at beach

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Friday, AUGUST 13

226th Day—140 days to come

Saturday, AUGUST 14

227th Day—139 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

work at beach

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, AUGUST 15

228th Day—138 days to come

back to the

Monday, AUGUST 16

229th Day—137 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, AUGUST 17

230th Day—136 days to come

Wednesday, AUGUST 18

231st Day—135 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, AUGUST 19

232nd Day—134 days to come

Friday, AUGUST 20

233rd Day—133 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, AUGUST 21

234th Day—132 days to come

Leave for Nebraska

Sunday, AUGUST 22

235th Day—131 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, AUGUST 23

236th Day—130 days to come

*Agronomy meetings
at Fort Collins.*

Tuesday, AUGUST 24

237th Day—129 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Wednesday, AUGUST 25

238th Day—128 days to come

*Agromony meetings
at Fort Collins*

Thursday, AUGUST 26

239th Day—127 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, AUGUST 27

240th Day—126 days to come

Saturday, AUGUST 28

241st Day—125 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Sunday, AUGUST 29

242nd Day—124 days to come

Monday, AUGUST 30

243rd Day—123 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, AUGUST 31

244th Day—122 days to come

Wednesday, SEPTEMBER 1

245th Day—121 days to come

Clear
Cloudy
Rain
Snow

25 - 269	76 - 607	47 - 526
269	685	514
281	855	490
325	665	447
57 - 509	77 - 392	45 - 316
475	471	383
639	472	324
809	495	487
92 - 703	78 - 395	46 - 416
662	475	368
125	332	470
664	393	467
91 - 727	79 - 363	107 - 657
667	427	551
679	485	
701	347	
92 - 686	100 - 375	108 - 545
715	434	630
665	397	531
687	399	267
93 - 564	244	109 - 507
640	584	573
770	415	500
576	311	517
94 - 500	250	40 - 586
532	102 - 514	101 - 107
501	441	111
503	389	788
95 - 2673	103 - 450	102 - 565
848	326	507
520	487	507
637	487	

	Clear
	Cloudy
	Rain
	Snow

Thursday, SEPTEMBER 2

246th Day—120 days to come

Friday, SEPTEMBER 3

	Clear
	Cloudy
	Rain
	Snow

247th Day—119 days to come

25 - 269 269 291 325	96 - 607 685 855 665	104 - 464 526 514 440
57 - 509 475 639 509	97 - 342 411 472 435	105 - 444 316 383 326
82 - 703 662 725 664	98 - 395 475 332 393	106 - 487 416 368 474
91 - 727 667 649 701	99 - 363 427 483 347	107 - 467 657 551
92 - 686 715 665 697	100 - 375 434 348 399	108 - 543 630 551 567
93 - 564 640 770 576	101 - 244 584 415 311	109 - 507 573 500 517
94 - 500 522 502 503	102 - 250 514 441 389	110 - 596 751 687 691
95 - 714 663 649 714 638	103 - 452 536 461 488	111 - 598 565 547 567

	Clear
	Cloudy
	Rain
	Snow

Saturday, SEPTEMBER 4

248th Day—118 days to come

Sat 6th last 8

Sunday, SEPTEMBER 5

249th Day—117 days to come

Clear
Cloudy
Rain
Snow

112-604 -472 520 460	114-516 569 448 446	126-585 502 627 490
-------------------------------	------------------------------	------------------------------

113-355 386 295 415	120-344 380 180 351	127-347 423 395 313
------------------------------	------------------------------	------------------------------

114-548 584 614 556	121-454 545 516 532	128-426 513 522 382
------------------------------	------------------------------	------------------------------

115-484 467 596 537	122-577 685 673 <u>142</u>	129- 675 601 675 524
------------------------------	-------------------------------------	--

116-444 535 540 605	123-594 587 698 602	130- 602 - 523
------------------------------	------------------------------	-------------------------

117-441 443 528 403	124-610 584 645 644	131- 521 521 503
------------------------------	------------------------------	---------------------------

118-538 549 560 531	125-598 479 461	132-355 513 434 409
------------------------------	-----------------------	------------------------------

Tuesday, SEPTEMBER 7

251st Day—115 days to come

Clear
Cloudy
Rain
Snow

133-406 459 480 —	140 - 560 572 554 470	147- 620 672 710 697
134 483 494 541 425	141 - 575 498 585 506	148 - 565 628 509 493
135 - 671 615 750 635	142 456 435 430 435	144 572 533 650 621
136- 451 426 420 417	143 - 722 624 695 606	
137 - 428 395 497 485	144- 635 595 620 603	
138 - 698 623 — 612	145 - 538 524 593 446	
139- 650 485 634 540	146 - 483 519 495 456	

Thursday, SEPTEMBER 9

253rd Day—113 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, SEPTEMBER 10

254th Day—112 days to come

Saturday, SEPTEMBER 11

255th Day—111 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, SEPTEMBER 12

256th Day—110 days to come

Monday, SEPTEMBER 13

257th Day—109 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Tuesday, SEPTEMBER 14

258th Day—108 days to come

Wednesday, SEPTEMBER 15

259th Day—107 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, SEPTEMBER 16

260th Day—106 days to come

Friday, SEPTEMBER 17

261st Day—105 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, SEPTEMBER 18

262nd Day—104 days to come

Sunday, SEPTEMBER 19

263rd Day—103 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, SEPTEMBER 20

264th Day—102 days to come

Tuesday, SEPTEMBER 21

265th Day—101 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, SEPTEMBER 22

266th Day—100 days to come

Thursday, SEPTEMBER 23

267th Day—99 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, SEPTEMBER 24

268th Day—98 days to come

Saturday, SEPTEMBER 25

269th Day—97 days to come

Clear
Cloudy
Rain
Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, SEPTEMBER 26

270th Day—96 days to come

Monday, SEPTEMBER 27

271st Day—95 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, SEPTEMBER 28

272nd Day—94 days to come

Wednesday, SEPTEMBER 29

273rd Day—93 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, SEPTEMBER 30

274th Day—92 days to come

Friday, OCTOBER 1

275th Day—91 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Saturday, OCTOBER 2

276th Day—90 days to come

Sunday, OCTOBER 3

277th Day—89 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, OCTOBER 4

278th Day—88 days to come

Name	Seed Increase	Total
	including Foundation	bbls
3 acres Rexoro		30-50
1 acre CI8975 R-N		10-15
3/4 acre C6-I-25-12		10 bbls
1/2 acre B4112A58		10 bbls.
1/2 acre B4031A1-1-8		6-10 bbls
1 1/2 acres B347B44-13 R&N		20-30 bbls
5 acres B4033A4-38		50-75 "
3/4 acre C6-250-121		10 bbls.
1/10 acre Heel Patina		1 bbl
2/10 BBT seed		4 bbls

Tuesday, OCTOBER 5

Clear
Cloudy
Rain
Snow

279th Day—87 days to come

Foundation	no 1/2 p A blocks
B 4031A1-1-8, TPxR-SBR	2
Hill Patna	1
Bluebonnet Sel	2 1/2
CI. 8975 (R x N)	2
B 347B44-13, R x N	2
B 4033A4-38-1-16	2
Rexoro	2

Total = 7 varieties 13 blocks

1 1/2 acres @ 15 per A

or from 20 - 25 bbls

Foundation seed for growing
Registered seed.

	Clear
	Cloudy
	Rain
	Snow

Wednesday, OCTOBER 6

280th Day—86 days to come

Paricles to save for

1949

Bluebonnet

8975

B347B44-13

Rex or

TPX R (B4035B44-11-4) from field plot or
field mus.

Zenith

B4031A1-1-8

B4033A4-38

Remark

B4112A5-5-1

B46-4799, Remark del.

Thursday, OCTOBER 7

281st Day—85 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, OCTOBER 8

282nd Day—84 days to come

Parula to answer for

1049

Bluebonnet

2975

B347B24-13

Parula

*TEX R 1840358 44-11-4 for bill plate
field marker*

Parula

B4031A1-1-8

B4233A4-38

Parula

B4112A5-5-1

B 46-4249 *Parula*

Saturday, OCTOBER 9

283rd Day—83 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Sunday, OCTOBER 10

284th Day—82 days to come

Monday, OCTOBER 11

285th Day—81 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, OCTOBER 12

286th Day—30 days to come

Wednesday, OCTOBER 13

287th Day—79 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, OCTOBER 14

288th Day—78 days to come

Friday, OCTOBER 15

289th Day—77 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, OCTOBER 16

290th Day—76 days to come

Sunday, OCTOBER 17

291st Day—75 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Monday, OCTOBER 18

292nd Day—74 days to come

Tuesday, OCTOBER 19

293rd Day—73 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, OCTOBER 20

294th Day—72 days to come

Thursday, OCTOBER 21

295th Day—71 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, OCTOBER 22

296th Day—70 days to come

Saturday, OCTOBER 23

297th Day—69 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, OCTOBER 24

298th Day—68 days to come

Monday, OCTOBER 25

299th Day—67 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, OCTOBER 26

300th Day—66 days to come

Wednesday, OCTOBER 27

301st Day—65 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, OCTOBER 28

302nd Day—64 days to come

Friday, OCTOBER 29

303rd Day—63 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, OCTOBER 30

304th Day—62 days to come

Sunday, OCTOBER 31

305th Day—61 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, NOVEMBER 1

306th Day—60 days to come



Membership Application

The Lions Club of Beaumont

194

I hereby apply for membership in The Lions Club of Beaumont, Texas,
to fill the classification of _____

Attached hereto please find my check for \$15.00 for Entrance Fee.
It is understood that this check will be returned in case I am not elected
to membership.

Name _____

P. O. Address _____

Firm Name _____

Business Address _____

Business Phone No. _____ Month of Birth _____

Proposed by _____

Recommendation

The Membership Committee report _____ favorably on above applicant.

Chairman.

Admitted _____ 194 _____

Secretary-Treasurer.

Tuesday, NOVEMBER 2

307th Day—59 Days to come

	Clear
	Cloudy
	Rain
	Snow

Robertson, Frank R. H.

"In the Empire of the Asters"
The National Geographic Magazine
June-December, 1939

Bibliography Vol. 73, pp. 125-150

Clear
Cloudy

Monday, NOVEMBER 1

P. O. Address

Field Memo

Sancho south (10 counties) in
 LCRA Loan & grant from Fed.
 gov. for construction of dams on
 Colorado river to lower Col R &
 present nitrid loss
 flood control
 water conservation
 soil " "
 Power.

28,160 lbs
 2840 lbs

260 miles wide at Adison
 6 " at Bay City

N Water holding caps

ald	.0820	45.6
ald	.076	41.9
Vng	.197	56.2
Vng	.195	67.8

N P205 K20

Rice 52.3 16.6 67.5

1. Just maintenance
2. org. matter addition
3. adequate nitrogen
4. Phosphorus
5. increase P & K
6. minor elements

Tuesday, NOVEMBER 27

307th Day—59 Days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, NOVEMBER 3

308th Day—58 days to come

Thursday, NOVEMBER 4

309th Day—57 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, NOVEMBER 5

310th Day—56 days to come

Saturday, NOVEMBER 6

311th Day—55 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, NOVEMBER 7

312th Day—54 days to/ come

Monday, NOVEMBER 8

313th Day—53 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, NOVEMBER 9

314th Day—52 days to come

Wednesday, NOVEMBER 10

315th Day—51 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, NOVEMBER 11

316th Day—50 days to come

Friday, NOVEMBER 12

317th Day—49 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Saturday, NOVEMBER 13

318th Day—48 days to come

Sunday, NOVEMBER 14

319th Day—47 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, NOVEMBER 15

320th Day—46 days to come

Tuesday, NOVEMBER 16

321st Day—45 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, NOVEMBER 17

322nd Day—44 days to come

Thursday, NOVEMBER 18

323rd Day—43 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Friday, NOVEMBER 19

324th Day—42 days to come

Saturday, NOVEMBER 20

325th Day—41 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Sunday, NOVEMBER 21

326th Day—40 days to come

Monday, NOVEMBER 22

327th Day—39 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, NOVEMBER 23

328th Day—38 days to come

Wednesday, NOVEMBER 24

329th Day—37 days to come

Clear
Cloudy
Rain
Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, NOVEMBER 25

330th Day—36 days to come

Friday, NOVEMBER 26

331st Day—35 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, NOVEMBER 27

332nd Day—34 days to come

Sunday, NOVEMBER 28

333rd Day—33 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, NOVEMBER 29

334th Day—32 days to come

Tuesday, NOVEMBER 30

335th Day—31 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, DECEMBER 1

336th Day—30 days to come

Thursday, DECEMBER 2

337th Day—29 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, DECEMBER 3

338th Day—28 days to come

Saturday, DECEMBER 4

339th Day—27 days to come

Clear
Cloudy
Rain
Snow

Publications to Leopoldo J. J. J.
Bulletin
1911—The Companion of Rice etc.
By-products

- 305—Some feeding experiments
352—Rice bran as a feed for Dairy Cows
454—Regularity & Prod. coefficients of Hay Feeds
476—Prof. Louis to adj. on Rice Pk. in Tex
524—The effect of quantity and Rice Bran on
the quality of Pork
513—Rice Bran & polish for growing and
fattening pigs
386—Rice bran for fattening hogs

Prog. Reports
452—Artificial drying of grain sorghum
424—Is it profitable to apply fertilizer
to rice
1055—Nitrogen fertilizer for rice
1138—Drying rice in wind
1070—Hay and grain drying

	Clear
	Cloudy
	Rain
	Snow

Sunday, DECEMBER 5

340th Day—26 days to come

Monday, DECEMBER 6

341st Day—25 days to come

Clear
Cloudy
Rain
Snow

Publications to Leopoldo & Julia Bulletin ✓ 191—The Comparison of Rice & Its By-products

- 305—some feeding Expts
 - 352—Rice Bran as a feed for Dairy Cows
 - 454—Digestibility & Prod. Coefficients of Hog Feeds
 - 676—Inf. basis to adj in Rice Prod. in Tex
 - 224—The infl. of peanuts and Rice Bran on
the quality of Pork
 - 313—Rice Bran + polish for growing and
fattening pigs
 - 286—Rice bran for fattening hogs
-

Prog. Reports

- 952—artif drying of grain sorghum
- 934—Is it profitable to apply fertilizers
to rice
- 1055—nitrogen fertilizers for rice
- 1138—Drying rice in sacks
- 1070—Hay and grain drying

Clear
Cloudy
Rain
Snow

Tuesday, DECEMBER 7

342nd Day—24 days to come

Publications to be published
Publication of the Commission of the States
1911-1912
 302 - *Survey of the*
 303 - *the*
 304 - *the*
 305 - *the*
 306 - *the*
 307 - *the*
 308 - *the*
 309 - *the*
 310 - *the*
 311 - *the*
 312 - *the*
 313 - *the*
 314 - *the*
 315 - *the*
 316 - *the*
 317 - *the*
 318 - *the*
 319 - *the*
 320 - *the*
 321 - *the*
 322 - *the*
 323 - *the*
 324 - *the*
 325 - *the*
 326 - *the*
 327 - *the*
 328 - *the*
 329 - *the*
 330 - *the*
 331 - *the*
 332 - *the*
 333 - *the*
 334 - *the*
 335 - *the*
 336 - *the*
 337 - *the*
 338 - *the*
 339 - *the*
 340 - *the*
 341 - *the*
 342 - *the*

Wednesday, DECEMBER 8

343rd Day—23 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Thursday, DECEMBER 9

344th Day—22 days to come

Friday, DECEMBER 10

345th Day—21 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Saturday, DECEMBER 11

346th Day—20 days to come

Sunday, DECEMBER 12

347th Day—19 days to come

	Clear
	Cloudy
	Rain
	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, DECEMBER 13

348th Day—18 days to come

Tuesday, DECEMBER 14

349th Day—17 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, DECEMBER 15

350th Day—16 days to come

Thursday, DECEMBER 16

351st Day—15 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, DECEMBER 17

352nd Day—14 days to come

Saturday, DECEMBER 18

353rd Day—13 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Sunday, DECEMBER 19

354th Day—12 days to come

Monday, DECEMBER 20

355th Day—11 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Tuesday, DECEMBER 21

356th Day—10 days to come

Wednesday, DECEMBER 22

357th Day—9 days to come

	Clear
	Cloudy
	Rain
	Snow

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

Thursday, DECEMBER 23

358th Day—8 days to come

Friday, DECEMBER 24

359th Day—7 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Saturday, DECEMBER 25

360th Day—6 days to come

Sunday, DECEMBER 26

361st Day—5 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Monday, DECEMBER 27

362nd Day—4 days to come

Tuesday, DECEMBER 28

363rd Day—3 days to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Wednesday, DECEMBER 29

364th Day—2 days to come

Thursday, DECEMBER 30

365th Day—1 day to come

☐	Clear
☐	Cloudy
☐	Rain
☐	Snow

	Clear
	Cloudy
	Rain
	Snow

Friday, DECEMBER 31

366th Day—last day of year.

Special Data



Friday, March 31st

Special Data

365th Day—last day of year.

Cash Account, January

[illegible]

On hand January 1 \$

Net Receipts for month . . \$

Net Balance - January 31 . \$ 40,000.00

Cash Account, February

[illegible]

Net Balance - January 31 . \$.....

Net Receipts for month . . \$

Net Balance - February 29 . \$.....

Cash Account, March

[illegible]

Net Balance - February 29 . \$

Net Receipts for month . . \$.....

Net Balance - March 31 . . \$.....

Cash Account, April

[illegible]

Net Balance - March 31 . . \$

Net Receipts for month . . \$ 2,400.00

Net Balance - April 30 . . \$

Cash Account, May

[illegible]

Net Balance - April 30 . . \$

Net Receipts for month . . \$.....

Net Balance - May 31 . . \$ 26,501.52

Cash Account, June

Net Balance - May 31 . . \$.....

Net Receipts for month . . \$.....

Net Balance - June 30 . . \$ 14,264.95

Cash Account, July

[illegible]

Net Balance - June 30 . . \$

Net Receipts for month . . \$.....

Net Balance - July 31 . . \$.....

Cash Account, August

[illegible]

Net Balance - July 31 . . \$ 25,818.22

Net Receipts for month . . \$.....

Net Balance - August 31 . \$.....

Cash Account, September

[illegible]

Net Balance - August 31 . \$.....

Net Receipts for month . . \$.....4

Net Balance - September 30 . \$

Cash Account, October

Net Balance - September 30 . \$ 15,229.44

Net Receipts for month . . \$ 400.00

Net Balance - October 31, \$ 25,248.32

Cash Account, November

Date	Received	Received	Paid
On hand January 1			
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

Cash Account, December

[illegible]

Net Balance - November 30 \$ 18,990.00

Net Receipts for month . . \$

Net Balance - December 31 \$ 2.03

Summary of Cash Account

Name of Company		Received		Paid	
On hand January 1	. . .				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Total	. .				

Balance as of December 31, \$.....

Insurance Account

Rate	Issue	Name of Company
		On hand January 1
		January
		February
		March
		April
		May
		June
		July
		August
		September
		October
		November
		December
		Total
		Balance as of December 31

DIRECTORY

Names and Addresses

Telephone Nos.

EW R Andrew

Keystone

39979

DIRECTORY

Names and Addresses	Telephone Nos.
E. W. R. Anderson	Hunt
	32272

DIRECTORY

[illegible]

DIRECTORY

[illegible]

Postal Information

Domestic Postage

Domestic rates of postage apply to all parts of the United States, which includes Hawaii and Alaska, and all its possessions: also to mail for officers and crew of the vessels of war of the United States, and to other places where the United States mail services may be in operation.

Military Mail — Consult postmaster regarding rates on and conditions applicable to all mail matter addressed to members of the armed forces.

First Class Matter. Letters and written matter, also other matter if sealed against postal inspection, 3c per ounce or fraction thereof, except post and postal cards and Drop Letters for non-carrier offices, provided addressees are not served by rural or star route carriers, which under existing law remain at 1c for each ounce or fraction thereof.

Air Mail, from one post office to another on the mainland of the United States, including Alaska, and from one post office to another in Hawaiian Islands, from one post office to another in Puerto Rico, from one post office to another in Virgin Islands of the United States, and between the latter islands and Puerto Rico (but not between the mainland of United States and any of these islands), 5 cents per ounce or fraction thereof. Limit 8 ounces.

Note.—The rate of 5 cents per ounce or fraction thereof will apply also to air mail sent to or by the armed forces of the United States overseas, served through the army and navy post offices.

Mail for dispatch via airplane service will be accepted for Registration, Insurance, or C.O.D. by adding the additional fees for the particular service desired. See regulations governing the acceptance of air mail for matter other than letters in their usual form.

Second Class Matter. (Unsealed) Newspapers and periodicals, which are "Entered as Second Class Matter." See post office for publishers rates. When mailed by public, 1c for each 2 ounces or fraction thereof, or the fourth class rate, whichever is lower.

Third Class Matter. (Limit 8 ounces.) Circulars and miscellaneous printed matter, also merchandise, 1½ cents for each 2 ounces.

Fourth Class (Parcel Post) Mail. Merchandise, farm products, books, printed matter, and all other mailable matter, weighing more than 8 ounces, not included in the first, second and third classes.

Books weighing over 8 ounces take special rates. Consult your local postmaster.

The rate of postage on all mail matter of the 4th class was temporarily increased by 3 per centum, fractions of ½c or more being computed as 1c, but in no case shall the increase per parcel be less than 1c.

In the following table the rates shown are under the old schedule. Add 3 per centum to these rates, but not less than 1c on any parcel.

Zones	Old Rate	Add lbs. Old Rate
Local	.07	1.0*
First and Second (Up to 150 miles)	.08	1.1
Third (150 to 300 miles) ..	.09	2.0
Fourth (300 to 600 miles) ..	.10	3.5
Fifth (600 to 1000 miles) ..	.11	5.3
Sixth (1000 to 1400 miles) ..	.12	7.0
Seventh (1400 to 1800 miles)	.14	9.0
Eighth (Over 1800 miles) ..	.15	11.0
*Additional 2 lbs.		

Size and Weight. A Parcel Post package may not exceed 100 inches in length and girth combined. The limit of weight is 70 lbs., all zones. Parcels weighing less than 10 pounds but measuring over 84 inches but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to the 10 pound rate.

Special Handling (4th Class.) Parcels to be given special handling will be chargeable with the regular fourth class rates and 10 cents additional postage on each parcel weighing not more than 2 pounds. 15 cents on each parcel or more than 2 but not more than 10 pounds, and 20 cents on each parcel weighing more than 10 pounds. Mark "Special Handling" on package.

Special Delivery. First class: Up to 2 pounds 13c., over 2 pounds up to 10 pounds 20c. and over 10 pounds 25c.

Second, third or fourth class: Up to 2 pounds 17c., over 2 pounds up to 10 pounds 25c. and over 10 pounds 35c.

Insured Mail. Fees for insurance of domestic mail matter of the third and fourth classes:

Amt. of Ins.	Ins. fees (cents)	Amt. of Ins.	Ins. fees (cents)
\$0.01 to \$5.00..	3	\$25.01 to	\$50.00.15
\$5.01 to \$25.00..	10	\$50.01 to	\$200.00.25

Collect-on-Delivery Mail. (Unregistered) C.O.D. fees on domestic collect-on-delivery mail of the third and fourth classes:

Amt. of C.O.D. charges or ins. desired	C.O.D. fees (cents)
\$0.01 to \$2.50	15
\$2.51 to \$5.00	20
\$5.01 to \$25.00	30
\$25.01 to \$50.00	40
\$50.01 to \$100.00	50
\$100.01 to \$150.00	55
\$150.01 to \$200.00	60

Fee for service in effecting delivery of collect-on-delivery mail upon terms differing from those originally stipulated at the time of mailing.....10 cents.

Charge for demurrage on domestic collect-on-delivery mail.....5 cents per day.

Fee for notifying the sender or his representative of inability to deliver a collect-on-delivery article.....5 cents.

Senders' return receipts for domestic registered and insured mail when requested at the time of mailing.....4 cents.

When requested subsequent to the time of mailing.....7 cents.

Postal Information—Continued

When requested showing to whom, when, and the address where the article was delivered31 cents.

Fee for effecting delivery of domestic registered, insured or C.O.D. mail, the delivery of which is restricted to the addressee only, or to the addressee or order..20 cents.

Money Order Fees. The new fees for issuing money orders are as follows:

cents		cents	
\$0.01 to \$2.506	\$20.01 to \$40....15		
\$2.51 to \$5.... .8	\$40.01 to \$60....18		
\$5.01 to \$10....11	\$60.01 to \$80....20		
\$10.01 to \$20....13	\$80.01 to \$100....22		

Registered mail. Fees and limits of indemnity for domestic registered mail, and surcharges based upon actual value and length of haul:

For registry indem. not Registry exceeding fee	For registry indem. not Registry exceeding fee
\$5.00....\$0.20	\$500.00....\$0.95
\$50.00....\$0.25	\$600.00....\$1.05
\$75.00....\$0.35	\$700.00....\$1.15
\$100.00....\$0.40	\$800.00....\$1.20
\$200.00....\$0.55	\$900.00....\$1.25
\$300.00....\$0.65	\$1000.00....\$1.35
\$400.00....\$0.80	

When the declared value exceeds the maximum indemnity covered by the registry fee paid, surcharge is made as follows:

All Zones: excess de- clared value	Surch'ge cents	All Zones: excess de- clared value	Surch'ge cents
up to \$ 50.002		up to 600.007	
up to 100.003		up to 800.008	
up to 200.004		up to 999.9910	
up to 400.006			

Note.—If the excess of the declared value over the maximum indemnity covered

by the registry fee paid is \$1000 or more, the surcharges for each \$1000 or part of \$1000 of such excess are as follows:

	cents
For local delivery or within first zone	11
For delivery within second zone.....	12
For delivery within third zone.....	14
For delivery within fourth zone.....	15
For delivery within fifth or sixth zones	16
For delivery within seventh, eighth zones	18

FOREIGN POSTAGE

Letters, 5 cents for the first ounce or fraction and 3 cents for each additional ounce or fraction.

Postal cards or post cards. Single card 3 cents each and reply-paid cards 6 cents each.

To certain foreign countries, letters and post cards may be sent at a lower rate. For information regarding these rates inquire at your local Post Office or see Official Postal Guide.

Printed matter. 1½ cents each 2 ounces or fraction.

Samples of merchandise 1½ cents each 2 ounces or fraction, with a minimum charge of 3 cents.

Foreign Parcel Post. For rates of postage, weight limits, dimensions, observations and prohibitions, see the Official Postal Guide.

Custom Declarations. A Custom Declaration Form (or set of forms which will be furnished on application), must be filled out accurately describing content, value, etc., of parcel. See Official Postal Guide for "group shipment" arrangement.

Capitals of The States

State and Capital	Ent'd Union
Alabama—Montgomery	Dec. 14, 1819
Arizona—Phoenix	Feb. 14, 1912
Arkansas—Little Rock	June 15, 1836
California—Sacramento	Sept. 9, 1850
Colorado—Denver	Aug. 1, 1876
Connecticut—Hartford	Jan. 9, 1788
Delaware—Dover	Dec. 7, 1787
D. C.—Washington	July 16, 1790
Florida—Tallahassee	Mar. 3, 1845
Georgia—Atlanta	Jan. 2, 1788
Idaho—Boise	July 3, 1890
Illinois—Springfield	Dec. 3, 1818
Indiana—Indianapolis	Dec. 11, 1816
Iowa—Des Moines	Dec. 28, 1846
Kansas—Topeka	Jan. 29, 1861
Kentucky—Frankfort	June 1, 1792
Louisiana—Baton Rouge	Apr. 30, 1812
Maine—Augusta	Mar. 15, 1820
Maryland—Annapolis	Apr. 28, 1788
Massachusetts—Boston	Feb. 6, 1788
Michigan—Lansing	Jan. 26, 1837
Minnesota—St. Paul	May 11, 1858
Mississippi—Jackson	Dec. 10, 1817
Missouri—Jefferson City	Aug. 10, 1821

State and Capital	Ent'd Union
Montana—Helena	Nov. 8, 1889
Nebraska—Lincoln	Mar. 1, 1867
Nevada—Carson City	Oct. 31, 1864
New Hampshire—Concord ..	June 21, 1788
New Jersey—Trenton	Dec. 18, 1787
New Mexico—Sante Fe	Jan. 6, 1912
New York—Albany	July, 26, 1788
North Carolina—Raleigh ..	Nov. 21, 1789
North Dakota—Bismarck	Nov. 2, 1889
Ohio—Columbus	Feb. 19, 1803
Oklahoma—Oklahoma City ..	Nov. 16, 1907
Oregon—Salem	Feb. 14, 1859
Pennsylvania—Harrisburg ..	Dec. 12, 1787
Rhode Island—Providence ..	May 29, 1790
South Carolina—Columbia ..	May 23, 1788
South Dakota—Pierre	Nov. 2, 1889
Tennessee—Nashville	June 1, 1796
Texas—Austin	Dec. 29, 1845
Utah—Salt Lake City	Jan. 4, 1896
Vermont—Montpelier	Mar. 4, 1791
Virginia—Richmond	June 26, 1788
Washington—Olympia	Nov. 11, 1889
West Virginia—Charleston ..	June 20, 1863
Wisconsin—Madison	May 29, 1848
Wyoming—Cheyenne	July 11, 1890

Parcel Post Zone Rates

WEIGHT IN POUNDS	Local rate	1st-2d zone rate	3d zone rate	4th zone rate	5th zone rate	6th zone rate	7th zone rate	8th zone rate
1.....	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.13	\$0.15	\$0.16
2.....	.09	.11	.12	.15	.18	.20	.24	.27
3.....	.09	.12	.14	.18	.23	.27	.33	.38
4.....	.10	.13	.16	.22	.28	.34	.42	.49
5.....	.10	.14	.18	.25	.34	.41	.52	.61
6.....	.11	.15	.20	.29	.39	.48	.61	.72
7.....	.11	.16	.22	.32	.44	.56	.70	.83
8.....	.12	.17	.24	.36	.50	.63	.79	.95
9.....	.12	.18	.26	.39	.56	.70	.89	1.06
10.....	.13	.19	.28	.43	.61	.77	.98	1.17
11.....	.13	.20	.30	.46	.66	.84	1.07	1.29
12.....	.14	.22	.32	.50	.72	.92	1.16	1.40
13.....	.14	.23	.34	.54	.77	.99	1.26	1.51
14.....	.15	.24	.36	.58	.82	1.06	1.35	1.63
15.....	.15	.25	.38	.61	.89	1.13	1.44	1.74
16.....	.16	.26	.40	.65	.94	1.21	1.53	1.85
17.....	.16	.27	.42	.68	.99	1.28	1.63	1.97
18.....	.17	.28	.44	.72	1.05	1.35	1.72	2.08
19.....	.17	.29	.46	.75	1.10	1.42	1.81	2.19
20.....	.18	.30	.48	.79	1.15	1.49	1.91	2.31
21.....	.18	.31	.50	.82	1.21	1.57	2.00	2.42
22.....	.19	.33	.53	.87	1.27	1.64	2.09	2.53
23.....	.19	.34	.55	.90	1.32	1.71	2.18	2.65
24.....	.20	.35	.57	.94	1.37	1.78	2.28	2.76
25.....	.20	.36	.59	.97	1.43	1.85	2.37	2.87
26.....	.21	.37	.61	1.01	1.48	1.93	2.46	2.99
27.....	.21	.38	.63	1.04	1.53	2.00	2.55	3.10
28.....	.22	.39	.65	1.08	1.60	2.07	2.65	3.21
29.....	.22	.40	.67	1.11	1.65	2.14	2.74	3.33
30.....	.23	.41	.69	1.15	1.70	2.21	2.83	3.44
31.....	.23	.42	.71	1.18	1.75	2.29	2.93	3.55
32.....	.24	.44	.73	1.23	1.81	2.36	3.02	3.67
33.....	.24	.45	.75	1.26	1.86	2.43	3.11	3.78
34.....	.25	.46	.77	1.30	1.92	2.50	3.20	3.89
35.....	.25	.47	.79	1.33	1.98	2.58	3.30	4.01
36.....	.26	.48	.81	1.37	2.03	2.65	3.39	4.12
37.....	.26	.49	.83	1.40	2.08	2.72	3.48	4.23
38.....	.27	.50	.85	1.44	2.14	2.79	3.57	4.35
39.....	.27	.52	.88	1.47	2.19	2.86	3.67	4.46
40.....	.28	.53	.90	1.51	2.25	2.94	3.76	4.57
41.....	.28	.54	.92	1.55	2.30	3.01	3.85	4.69
42.....	.29	.56	.94	1.59	2.36	3.08	3.94	4.80
43.....	.29	.57	.96	1.62	2.41	3.15	4.04	4.91
44.....	.30	.58	.98	1.66	2.46	3.22	4.13	5.03
45.....	.30	.59	1.00	1.69	2.52	3.30	4.22	5.14
46.....	.31	.60	1.02	1.73	2.58	3.37	4.32	5.25
47.....	.31	.61	1.04	1.76	2.63	3.44	4.41	5.37
48.....	.32	.62	1.06	1.80	2.69	3.51	4.50	5.48
49.....	.32	.63	1.08	1.83	2.74	3.58	4.59	5.59
50.....	.33	.64	1.10	1.87	2.79	3.66	4.69	5.71
51.....	.33	.65	1.12	1.91	2.84	3.73	4.78	5.82
52.....	.34	.67	1.14	1.95	2.90	3.80	4.87	5.93
53.....	.34	.68	1.16	1.98	2.96	3.87	4.96	6.05
54.....	.35	.69	1.18	2.02	3.01	3.94	5.06	6.16
55.....	.35	.70	1.21	2.05	3.07	4.02	5.15	6.27
56.....	.36	.71	1.23	2.09	3.12	4.09	5.24	6.39
57.....	.36	.72	1.25	2.12	3.17	4.16	5.34	6.50
58.....	.37	.73	1.27	2.16	3.23	4.23	5.43	6.61
59.....	.37	.74	1.29	2.19	3.29	4.31	5.52	6.73
60.....	.38	.75	1.31	2.24	3.34	4.38	5.61	6.84
61.....	.38	.76	1.33	2.27	3.39	4.45	5.71	6.95
62.....	.39	.78	1.35	2.31	3.45	4.52	5.80	7.07
63.....	.39	.79	1.37	2.34	3.50	4.59	5.89	7.18
64.....	.40	.80	1.39	2.38	3.55	4.67	5.98	7.29
65.....	.40	.81	1.41	2.41	3.62	4.74	6.08	7.41
66.....	.41	.82	1.43	2.45	3.67	4.81	6.17	7.52
67.....	.41	.83	1.45	2.48	3.72	4.88	6.26	7.63
68.....	.42	.84	1.47	2.52	3.78	4.95	6.36	7.75
69.....	.42	.85	1.49	2.55	3.83	5.03	6.45	7.86
70.....	.43	.87	1.51	2.60	3.88	5.10	6.54	7.97

EXCEPTIONS:

In the first or second zone, where the distance by the shortest regular practicable mail route is 300 miles or more, the rate is the same as for the third zone.

On parcels collected on rural routes the postage is 2 cents less per parcel than shown in the foregoing table when for local delivery and 3 cents less per parcel when for other than local delivery.

Parcels weighing less than 10 pounds measuring over 84 inches, but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to that for a 10-pound parcel for the zone to which addressed.

Help in Case of Accident

In all cases of serious shock or injury, send for a doctor or ambulance at once. In the meantime, apply first aid promptly, but not hastily.

BLEEDING WOUNDS—Bleeding in spurts indicates severing of an artery. Steady flow indicates a vein has been cut. Bleeding from an artery should be stopped by applying pressure of the thumb, a compress or cloth pad over the artery at a point between the bleeding wound and the heart. In bleeding from a vein (steady flow), pressure should be applied on the side away from the heart. Where bleeding is not severe, a compress over the open wound should be sufficient. If bleeding is very severe, tourniquet may be made by tying handkerchief, cloth, belt, strap or neck-tie around the part over compress and using small stick, pencil, or similar article with which to twist and tighten. Do not twist too hard, just enough to stop bleeding. Loosen every twenty minutes to let a little blood escape. Keep the part elevated.

SHOCK—Lay patient flat on back with head low, unless head is bleeding. Remove false teeth, gum or tobacco from mouth. Keep patient warm. Give stimulants such as aromatic spirits of ammonia in water, hot coffee, tea or water. Do not give stimulant to unconscious patients, or one who may have internal bleeding.

BURNS AND SCALDS—Skin unbroken. A paste of baking soda in water; cod-liver, olive, or castor oil; or vaseline. Cover with sterile gauze. Where skin is broken, apply wet baking soda, gentian violet jelly, picric acid gauze, or tannic acid jelly. Keep dressing moist. Chemical burns—wash immediately with large quantities of clean water before applying any other treatment.

FAINTING—Place flat on back, head lower than rest of body, loosen clothing, allow plenty of fresh air and keep warm.

LIGHTNING OR SUN STROKE—Loosen clothing, dash cold water on face, treat for shock. In case of sun stroke, remove to shade. Apply cold water to head.

ARTIFICIAL RESPIRATION— Prone Method

Some injuries such as electric shock, drowning, gas poisoning and choking interfere with breathing and may cause asphyxiation, unless normal breathing is promptly restored. Artificial respiration should be resorted to to bring this about, but remember, **SEND FOR A DOCTOR IMMEDIATELY.**

Lay the patient prone, (face down), the head "downhill," if possible, with one arm extended directly overhead, and the other arm bent at the elbow to form a resting place for the head, so that nose and mouth are free for breathing.

Kneel, straddling the patient's thighs, with palms of the hands on the small of the back, and fingers resting on the ribs, the little finger just touching the lowest rib, and the fingers extended straight down.

With arms held straight, swing forward slowly, bringing the weight of the body gradually upon the patient, so that the shoulder in this position is directly over the heel of the hand at the end of the forward swing. Do not bend elbows. Then immediately swing backward, so as to re-

move the pressure completely. After two seconds, repeat the pressure and release, the complete swing forward and backward to take four or five seconds, or 12 to 15 times a minute. Continue without interruption until the patient breathes naturally.

Patients have been revived after as long as four hours or more by this method. Keep up the artificial respiration and do not allow patient, even if he starts to breathe naturally, to stand or sit up. Keep patient warm and if doctor has not arrived by the time patient has revived, give light stimulants, 1 teaspoon of aromatic spirits of ammonia in a small glass of water, or hot drink of coffee or tea. Watch patient to see that normal breathing continues, and if natural breathing stops, begin artificial respiration again. If necessary, to change operator, the change should be made without losing the rhythm of respiration.

IN CASE OF POISONING

First—Send for a physician.

Second—Induce vomiting by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for Alkalies and vice versa.

SPECIAL POISONS AND ANTIDOTES

ACIDS—Muriatic, Oxalic, Acetic, Sulphuric (Oil of Vitriol), Nitric (Aqua Fortis).

Ant.—Soap suds, magnesia, lime-water.

PRUSSIC ACID, Cyanide of Potassium.

Ant.—Ammonia in water. Dash water in face. Give stimulants.

CARBOLIC ACID—

Ant.—Flour and water, mucilaginous drinks.

ALKALIES, Potash, Lye, Hartshorn, Ammonia.

Ant.—Vinegar or lemon juice in water.

ARSENIC. Rat Poison, Paris Green.

Ant.—Milk, raw eggs, sweet oil, lime-water, flour and water.

BUG POISON. Lead, Saltpetre, Corrosive sublimate, Sugar of Lead, Blue Vitriol.

Ant.—Whites of eggs or milk in large doses.

CHLOROFORM, Chloral, Ether.

Ant.—Give emetic, keep patient aroused; apply mustard plaster over heart and calves of legs; use artificial respiration.

CARBONATE OF SODA. Coperas, Cobalt.

Ant.—Soap suds and mucilaginous drinks.

IODINE. Antimony, Tartar Emetic.

Ant.—Starch and water, chalk, magnesia, starchy food, strong tea. Apply external heat.

MERCURY and its Salts.

Ant.—Whites of Eggs, Milk Mucilages.

OPIUM. Morphine, Laudanum, Paregoric, Soothing Powders or Syrups.

Ant.—Strong coffee, mustard or ipecac as emetic. Keep awake and moving. Keep warm.

How to Prevent Fires

Most fire losses occurring in the United States and Canada, the two countries that lead the world in per capita loss, arise from causes easily preventable. You can reduce your probability of loss by attention to the following simple precautions:

1. Provide metal containers for hot ashes and prohibit the use of wooden receptacles.
2. Keep cellars, closets and stairways free from loose wrapping paper or other highly combustible material.
3. Equip your property so that it is easy to turn off current when leaving electric irons and other heating appliances, even for a short time.
4. Use only good standard fuses and never permit the substitution of coins or wires for blown fuses.
5. Examine metal flues periodically and see that they are renewed before they

are badly weakened by internal rust or otherwise.

6. See that accumulations of soot are removed from your chimneys at least once in each year, preferably before lighting fires in the Fall.

7. Make sure that gasoline and other inflammable fluids, including duco, are kept out of rooms where there are open fires or flames of any kind.

8. Keep open lights (candles, gas) and portable electric heaters away from curtains or other inflammable material which may come in contact with them.

9. If oil mops are used on your floors, see to it that they are kept, when not in use, preferably on an incombustible floor (such as the concrete floor in your basement) and never in a closet.

10. Keep your supply of matches in a closed metal receptacle and out of reach of the children.

Rules in Case of Fire

Familiarize yourself with the location of windows and natural escapes.

Learn the position of all stairways, particularly the top landing and scuttle to the roof.

Keep the doors of rooms shut.

Wet a towel, stuff it in the mouth, breathe through it instead of nose, so as not to inhale smoke.

Never get excited, try to recall the means of exit.

If room fills with smoke keep close to floor and crawl along by the walls to the window.

NEVER go to roof, unless as a last resort and you know there is escape to adjoining buildings.

NEVER jump through flames in a building without covering the head with a blanket or heavy clothing.

Open windows from the top.

Common Stains and How to Remove Them

Blood and meat juice. Use cold water; soap and cold water; or starch paste.

Bluing. Use boiling water.

Chocolate and cocoa. Use borax and cold water; bleach if necessary.

Coffee and tea. (Clear).—Use boiling water; bleach if necessary. (With cream.) Use cold water, then boiling water; bleach if necessary.

Cream and milk. Use cold water, then soap and cold water.

Egg. Use cold water.

Fruit and fruit juices. Use boiling water; bleach if necessary.

Grass. Use cold water; soap and cold water; alcohol or a bleaching agent.

Grease and oils. Use French chalk, blotting paper or other absorbent; or warm water and soap; or gasoline, benzine, or carbon tetrachloride.

Iodine. Use warm water and soap; alcohol; or ammonia.

Ink. Try cold water; then use an acid or bleach if necessary.

Iron. Use oxalic acid; hydrochloric acid; salts of lemon; or lemon juice and salt.

Kerosene. Use warm water and soap.

Lampblack and soot. Use kerosene, ben-

zine, chloroform, ether, gasoline, or carbon tetrachloride.

Medicine. Use alcohol.

Mildew. If fresh, use cold water; otherwise try to bleach with javelle water or potassium permanganate.

Paint and varnish. Use alcohol, carbon tetrachloride, chloroform, or turpentine.

Perspiration. Use soap and warm water; bleach in the sun or with javelle water or potassium permanganate.

Pitch, tar and wheel grease. Rub with fat; then use soap and warm water; or benzine, gasoline, or carbon tetrachloride.

Scorch. Bleach in the sunshine or with javelle water.

Shoe polish. (Black.)—Use soap and water; or turpentine. (Tan.)—Use alcohol.

Syrup. Use water.

Stove polish. Use cold water and soap; or kerosene, benzine or gasoline.

Vaseline. Use kerosene or turpentine.

Water. Steam or sponge the entire surface of water-spotted materials.

Wax. Scrape off as much as possible. Use French chalk, blotting paper or other absorbent, with a warm iron; or use benzine or gasoline. If color remains, use alcohol or bleach.

Weights and Measures

APOTHECARIES' WEIGHT

20 grains...	1 scruple	8 drams...	1 ounce
3 scruples...	1 dram	12 ounces...	1 pound
Ounce and pound are the same as in Troy Weight			

AVOIRDUPOIS WEIGHT

27-11/32 grains.....	1 dram
16 drams.....	1 ounce
16 ounces.....	1 pound
25 pounds.....	1 quarter
4 quarters.....	1 cwt.
2,000 pounds.....	1 short ton
2,240 pounds.....	1 long ton

TROY WEIGHT

24 grains.....	1 dwt.
20 dwts....	1 ounce
12 ounces...	1 pound
Used for weighing gold, silver and jewels.	

CLOTH MEASURE

2 1/4 inches....	1 nail	4 nails....	1 quarter
4 quarters.....			1 yard

CUBIC MEASURE

1,728 cubic inches.....	1 cubic foot
27 cubic feet.....	1 cubic yard
128 cubic feet.....	1 cord (wood)
40 cubic feet.....	1 ton (shipping)
2,150.42 cubic inches....	1 standard bushel
231 cubic inches....	1 U. S. standard gallon
1 cubic foot.....	about 4/5 of a bushel

DRY MEASURE

2 pints....	1 quart	4 pecks....	1 bushel
8 quarts...	1 peck	36 bushels...	1 chaldron

LIQUID MEASURE

4 gills.....	1 pint	4 quarts...	1 gallon
2 pints....	1 quart	31 1/2 gals....	1 barrel
2 barrels.....			1 hogshead

LONG MEASURE

12 inches.....	1 foot
3 feet.....	1 yard
5 1/2 yards.....	1 rod
40 rods.....	1 furlong
8 furlongs.....	1 sta. mile
3 miles.....	1 league

MARINERS' MEASURE

6 feet=1 fath'm.	120 fath's=1 cable length
7 1/2 cable lengths.....	1 mile
5,280 feet.....	1 statute mile
6,085 feet.....	1 nautical mile

PAPER MEASURE

24 sheets....	1 quire	20 quires....	1 ream (480 sheets)
2 reams....	1 bundle	5 bundles....	1 bale

SQUARE MEASURE

144 square inches.....	1 square foot
9 square feet.....	1 square yard
30 1/4 square yards.....	1 square rod
40 square rods.....	1 rood
4 roods.....	1 acre
640 acres.....	1 square mile

SURVEYORS' MEASURE

7.92 inches.....	1 link
25 links.....	1 rod
4 rods.....	1 chain
10 sq. chains or 160 sq. rods.....	1 acre
640 acres.....	1 sq. mile
36 sq. miles (6 miles sq.).....	1 township

TIME MEASURE

60 seconds=1 minute..	60 minutes=1 hour
24 hours=1 day.....	7 days=1 week
28, 29, 30 or 31 days....	1 calendar month
30 days=1 month....	in computing interest
365 day=1 year....	366 days=1 leap year

MISCELLANEOUS

3 inches=1 palm.....	4 inches=1 hand
6 inches=1 span.....	18 inches=1 cubit
21.8 inches.....	1 Bible cubit
2 1/2 feet.....	1 military pace

METRIC EQUIVALENTS—

Linear Measure

1 centimeter.....	0.3937 inch
1 inch.....	2.54 centimeters
1 decimeter....	3.937 inches....
1 foot.....	3.048 decimeters
1 meter.....	39.37 inches....
1 yard.....	0.9144 meter
1 dekameter.....	1.9884 rods
1 rod.....	0.5029 dekameter
1 kilometer.....	0.62137 mile
1 mile.....	1.6093 kilometers

Square Measure

1 square centimeter....	0.1550 square inch
1 square inch.....	6.452 centimeters
1 square decimeter....	0.1076 square foot
1 square foot.....	9.2903 square decimeters
1 square meter.....	1.196 square yards
1 square yard.....	0.8361 square meter
1 are.....	3.954 square rods
1 square rod.....	0.2529 arc
1 hectare.....	2.47 acres
1 acre.....	0.4047 hectare
1 square kilometer.....	0.386 square mile
1 square mile.....	2.59 square kilometers

Measure of Volume

1 cubic centimeter.....	0.061 cubic inch
1 cubic inch.....	16.39 cubic centimeters
1 cubic decimeter.....	0.0353 cubic foot
1 cubic foot.....	28.317 cubic decimeters
1 cubic meter.....	1.308 cubic yards
1 cubic yard.....	0.7646 cubic meter
1 stere.....	0.2759 cord
1 cord.....	3.624 steres
1 liter=0.908 qt. dry...	1.0567 qts. liquid
1 quart dry.....	1.101 liters
1 quart liquid.....	0.9463 liter
1 dekaliter=2.6417 gallons....	135 pecks
1 gallon.....	0.3785 dekaliter
1 peck.....	0.881 dekaliter
1 hectoliter.....	2.8375 bushels
1 bushel.....	0.3524 hectoliter

Weights

1 gram.....	0.03527 ounce
1 ounce.....	28.35 grams
1 kilogram.....	2.2046 pounds
1 pound.....	0.4536 kilogram
1 metric ton.....	1.1023 English tons
1 English ton.....	0.9072 metric ton

APPROXIMATE METRIC EQUIVALENTS

1 decimeter.....	4 inches
1 liter...1.06 quarts liquid, 0.9 quart dry	
1 meter.....	1.1 yards
1 kilometer.....	3/4 of a mile
1 hectoliter.....	2 1/2 bushels
1 kilogram.....	2-1/5 pounds
1 stere, or cubic meter.....	3/4 of a cord
1 metric ton.....	2,200 pounds

TEMPERATURES

Fahrenheit

Milk	Freezes 30° above Zero
Water	Freezes 32° above Zero
Olive Oil	Freezes 36° above Zero
Wines	Freezes 20° above Zero
Vinegar	Freezes 28° above Zero
Alcohol	Boils at 173° above Zero
Blood Heat	98.4° above Zero
Eggs Hatch	104° above Zero
Water	Boils at 212° above Zero
Petroleum (aver.) Boils at 306°	above Zero

Business Laws

Principals are responsible for the acts of their agents within the actual or apparent scope of given authority. Individual partners are each individually liable for the whole of firm obligations. The acts of any or all partners within the scope of firm business measure the firm obligations.

The word "limited" in connection with firm names indicates a limitation of the usual liability.

Laws vary in the different states concerning contracts made on Sunday and only certain transactions are voidable.

Contracts concerning land must be in writing. A contract with a minor or lunatic is generally void.

A promise in an agreement, to be enforced, requires consideration. Consideration is something given or promised in exchange for the promise which is being enforced. An act or promise which is illegal will not constitute a valid consideration.

Notes bear interest only after maturity, unless otherwise stated. Demand notes are payable when presented, without grace, and bear legal interest after demand.

The fact that a note is lost or stolen does not cancel the obligation. The maker, however, may demand a bond for his protection before making payment.

An endorsement "without recourse" merely releases the endorser from the guaranty of payment usually imposed upon him.

He still warrants the note to be genuine and his right to endorse.

An instrument is not invalid for the reason only that it is ante-dated or post-dated, provided this is not done for any illegal or fraudulent purpose. If a note is materially altered by the holder, it becomes void but it does not avoid liability as to all parties.

The words "value received" are not necessary in a note.

The endorers of a negotiable instrument are liable only after due notice of dishonor. An instrument is dishonored if not paid upon presentment to the maker when due. Prompt notice of dishonor must be given the endorers. Generally stated, the notice of dishonor must be given actually or mailed within 24 hours. Notice of protest (presentment and non-payment) may be sent either to the place of business or residence of the party notified. If a letter containing notice of protest or dishonor be properly mailed, it is sufficient notice even though it miscarries.

Signatures with a lead pencil are good in law, but inadvisable. While a receipt for money is not conclusive of its payment, it requires clear evidence to rebut same.

In the hands of a holder in due course, a note fraudulently obtained, may or may not be a defense to the instrument.

When contracts are reduced to writing, understandings cannot be shown which are not in the writing.

Points of Constitutional Laws

Congress must meet at least once a year.

Congress may admit as many new States as desired.

One State cannot undo the act of another.

By the constitution every citizen is guaranteed a speedy trial by jury.

A power which is vested in Congress alone cannot be exercised by a State.

One State must respect the legal decisions and laws of another.

Congress cannot pass a law to punish for a crime already committed.

A person who commits a felony in one State cannot find refuge in another.

Bills for revenue can originate only in the House of Representatives, but the Senate may propose or concur with amendments.

Treaties with foreign powers are made by the President and ratified by the Senate.

The territories each have a delegate to Congress who is allowed the privilege of debate, but not the right to vote.

The Vice-President, who ex-officio presides over the Senate, has no vote in that body except in case of a tie ballot.

If the President holds a bill longer than ten days while Congress is in session it becomes a law without his signature.

An act of Congress cannot become a law over the President's veto except on a two-thirds vote of both Houses.

The House of Representatives may impeach the President for any crime, but the Senate has the sole power to try all impeachments.

An officer of the United States Government is not permitted to accept any title of nobility, order of honor except with the permission of Congress.

Amendments to the Constitution of the United States require a two-thirds vote of each House of Congress, and must be ratified by at least three-fourths of the States.

The President of the United States must be at least 35 years of age; a Senator, 30; a Congressman, 25. The President must have been a resident within the United States fourteen years.

A naturalized citizen is not eligible to the office of President of the United States. A male child born in a foreign land to American parents has an equal chance to become the President with one born on American soil.

The United States shall guarantee to every State a republican form of government, and shall protect each of them against invasion, and on application of the Legislature or of the Executive (when the Legislature cannot be convened) against domestic trouble.

Rules for Computing Interest

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Two Per Cent—Multiply the principal by the number of days to run, and divide by 180.

Two and One-Half Per Cent—Multiply by number of days and divide by 144.

Three Per Cent—Multiply by number of days, and divide by 120.

Three and One-Half Per Cent—Multiply by number of days and divide by 103.

Four Per Cent—Multiply by number of days and divide by 90.

Five Per Cent—Multiply by number of days, and divide by 72.

Six Per Cent—Multiply by number of days, and divide by 60.

Seven Per Cent—Multiply by number of days, and divide by 52.

Eight Per Cent—Multiply by number of days, and divide by 45.

Nine Per Cent—Multiply by number of days, and divide by 40.

Ten Per Cent—Multiply by number of days, and divide by 36.

Twelve Per Cent—Multiply by number of days, and divide by 30.

Fifteen Per Cent—Multiply by number of days and divide by 24.

Interest Tables

TWO PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	0	0	0	2	22
8 "	0	0	0	0	0	0	0	0	0	0	4	44
12 "	0	0	0	0	0	0	0	0	1	1	7	67
16 "	0	0	0	0	0	0	1	1	1	1	9	89
20 "	0	0	0	1	1	1	1	1	1	1	11	1.11
24 "	0	0	0	1	1	1	1	1	1	1	13	1.33
28 "	0	0	0	1	1	1	1	1	1	2	16	1.56
1 Mo.	0	0	1	1	1	1	1	1	2	2	17	1.67
2 "	0	1	1	1	1	2	2	3	3	3	33	3.33
3 "	1	1	2	2	3	3	4	4	5	5	50	5.00
4 "	1	1	2	3	3	4	5	5	6	7	67	6.67
5 "	1	2	3	3	4	5	6	7	8	8	83	8.33
6 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
1 Yr.	2	4	6	8	10	12	14	16	18	20	2.00	20.00

THREE PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	1	1	1	4	34
8 "	0	0	0	1	1	1	1	1	1	1	7	67
12 "	0	0	1	1	1	1	1	1	1	1	10	1.00
16 "	0	1	1	1	1	1	1	1	1	2	14	1.34
20 "	1	1	1	1	1	1	1	2	2	2	17	1.67
24 "	1	1	1	1	1	2	2	2	2	2	20	2.00
28 "	1	1	1	1	2	2	2	2	3	3	24	2.34
1 Mo.	1	1	1	2	2	2	2	2	3	3	25	2.50
2 "	1	2	2	2	3	3	4	4	5	5	50	5.00
3 "	1	2	3	3	4	5	6	6	7	8	75	7.50
4 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
5 "	2	3	4	5	7	8	9	10	12	13	1.25	12.50
6 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
1 Yr.	3	6	9	12	15	18	21	24	27	30	3.00	30.00

TWO AND ONE-HALF PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	0	0	0	3	28
8 "	0	0	0	0	0	0	1	1	1	1	6	56
12 "	0	0	0	0	1	1	1	1	1	1	9	84
16 "	0	0	0	1	1	1	1	1	1	1	11	1.11
20 "	0	0	1	1	1	1	1	1	2	2	14	1.14
24 "	0	0	1	1	1	2	2	2	2	2	17	1.67
28 "	0	1	1	1	2	2	2	2	2	2	20	1.70
1 Mo.	0	1	1	1	2	2	2	2	2	2	21	2.09
2 "	1	1	2	2	2	3	3	4	4	5	42	4.17
3 "	1	2	2	3	3	4	5	5	6	7	63	6.25
4 "	1	2	3	3	5	5	6	7	8	9	84	8.34
5 "	1	2	4	5	6	7	8	9	10	11	1.05	10.44
6 "	2	3	4	5	7	8	9	10	12	13	1.25	12.50
1 Yr.	3	5	8	10	13	15	18	20	23	25	2.50	25.00

SIX PER CENT

Time	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1,000
4 Day	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
28 "	1	1	1	2	2	3	3	4	4	5	47	4.67
1 Mo.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
4 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
5 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

CENSUS 1940

Cities in U. S. A. of 15,000 and over

Aberdeen, S. D..	17,015	Beverly, Mass....	25,537	Columbia, S. C..	62,396
Aberdeen, Wash..	18,846	Biddeford, Me....	19,790	Columbus, Ga....	53,280
Abilene, Tex. ..	26,612	Billings, Mont....	23,261	Columbus, Ohio...	306,087
Abington, Pa. ...	20,857	Biloxi, Miss.....	17,475	Compton, Cal.....	16,198
Ada, Okla.	15,143	Binghamton, N.Y.	78,309	Concord, N. C....	15,572
Akron, Ohio.....	244,791	Birmingham, Ala..	267,583	Concord, N. H....	27,171
Alameda, Cal....	36,256	Bismarck, N. D....	15,496	Corning, N. Y....	16,212
Albany, Ga.....	19,055	Bloomfield, N. J..	41,623	Cor. Christi, Tex.	57,301
Albany, N. Y....	130,577	Bloomington, Ill..	32,868	Corsicana, Tex. .	15,232
Albuquerque, N.M.	35,449	Bloomington, Ind..	20,870	Cortland, N. Y....	15,881
Alexandria, La..	27,066	Bluefield, W. Va.	20,641	Coun. Bluffs, Ia.	41,439
Alexandria, Va..	33,523	Blue Island, Ill..	16,638	Covington, Ky....	62,018
Alhambra, Cal....	38,935	Boise City, Idaho..	26,130	Cranston, R. I...	47,085
Aliquippa, Pa. ...	27,023	Boston, Mass.....	770,816	Cumberland, Md.	39,483
Allentown, Pa. ...	96,904	Braddock, Pa. ...	18,326	Cuyahoga Falls, O.	20,546
Alliance, Ohio....	22,405	Bradford, Pa. ...	17,691	Dallas, Tex.	294,734
Alton, Ill.....	31,255	Braintree, Mass..	16,378	Danbury, Conn....	22,339
Altouna, Pa.	80,214	Brem'ton, Wash..	15,134	Danville, Ill.....	36,919
Amarillo, Tex....	51,686	Bridgeport, Conn..	147,121	Danville, Va. ...	32,749
Ambridge, Pa. ...	18,968	Bridgeton, N. J...	15,992	Davenport, Ia....	66,039
Amsterdam, N. Y.	33,329	Bristol, Conn....	30,167	Dayton, Ohio.....	210,718
Anderson, Ind....	41,572	Brockton, Mass. .	62,343	Daytona Bch, Fla.	22,584
Anderson, S. C..	19,424	Brookline, Mass..	49,786	Dearborn, Mich..	63,584
Ann Arbor, Mich.	29,815	Brownsville, Tex..	22,083	Decatur, Ala.....	16,604
Anniston, Ala....	25,523	Brunswick, Ga....	15,035	Decatur, Ga.....	16,561
Ansonia, Conn....	19,210	Buffalo, N. Y....	575,901	Decatur, Ill.....	59,305
Appleton, Wis. .	28,436	Burbank, Cal.....	34,337	Dedham, Mass....	15,508
Ardmore, Okla..	16,886	Burlingame, Cal..	15,940	Denison, Tex. ...	15,581
Arlington, Mass..	40,013	Burlington, Ia....	25,832	Denver, Colo.....	322,412
Arlington, Va....	57,040	Burlington, Vt....	27,686	Des Moines, Ia...	159,819
Asheville, N. C..	51,310	Butler, Pa.	24,477	Detroit, Mich....	1,623,452
Ashland, Ky.....	29,537	Butte, Mont.	37,081	Dothan, Ala.....	17,194
Ashtabula, Ohio..	21,405	Cambridge, Mass..	110,879	Dubuque, Ia.....	43,892
Athens, Ga.....	20,650	Cambridge, Ohio..	15,044	Duluth, Minn....	101,065
Atlanta, Ga.....	302,283	Camden, N. J....	117,536	Dunkirk, N. Y....	17,713
Atlantic City, N.J.	64,094	Canton, Ohio.....	108,401	Dunmore, Pa. ...	23,086
Attleboro, Mass..	22,071	Cape Gir'd'u, Mo.	19,426	Duquesne, Pa. ...	20,693
Auburn, Me.....	19,817	Carbondale, Pa. .	19,371	Durham, N. C....	60,195
Auburn, N. Y....	35,753	Casper, Wyo.....	17,964	East Chicago, Ind.	54,637
Augusta, Ga.....	65,919	Cedar Rapids, Ia.	62,120	E. Cleveland, O..	39,495
Augusta, Me.....	19,360	Central Falls, R.I.	25,248	E. Hartford, Conn.	18,615
Aurora, Ill.....	47,170	Centraia, Ill.....	16,343	E. Liverpool, O..	23,555
Austin, Minn....	18,307	Champaign, Ill..	23,302	Easton, Pa.	33,589
Austin, Tex. ...	87,930	Charleston, S. C.	71,275	East Orange, N. J.	68,945
Bakersfield, Cal..	29,252	Ch'leston, W. Va.	67,914	E. Provid., R. I.	32,165
Baltimore, Md...859,100		Charlotte, N. C..	100,899	E. St. Louis, Ill.	75,609
Bangor, Me.....	29,822	Charl'tesv'le, Va.	19,400	Eau Claire, Wis.	30,745
Barberton, Ohio..	24,028	Chat'ooga, Tenn..	128,163	El Dorado, Ark....	15,858
Bartlesville, Okla.	16,267	Chelsea, Mass....	41,259	Elgin, Ill.....	38,333
Batavia, N. Y....	17,267	Cheltenham, Pa..	19,082	Elizabeth, N. J...	109,912
Baton Rouge, La.	34,719	Chester, Pa.	59,285	Elkhart, Ind.....	33,434
Battle C'k, Mich.	43,453	Cheyenne, Wyo....	22,474	Elmhurst, Ill.....	15,458
Bay City, Mich..	47,956	Chicago, Ill.....	3,396,808	Elmira, N. Y....	45,106
Bayonne, N. J...79,198		Chicago Hts., Ill.	22,461	El Paso, Tex.....	96,810
Beaumont, Tex..	59,061	Chicopee, Mass....	41,664	Ellyria, Ohio.....	25,120
Beaver Falls, Pa.	17,098	Chillicothe, Ohio.	20,129	Endicott, N. Y....	17,702
Belleville, Ill....	28,405	Cicero, Ill.....	64,712	Englewood, N. J..	18,966
Belleville, N. J..	28,167	Cincinnati, Ohio..	455,610	Enid, Okla.....	28,081
Bell'gham, Wash.	29,314	Clairton, Pa. ...	16,381	Erie, Pa.	116,955
Belmont, Mass....	26,867	Clarksb'g, W. Va.	30,579	Euclid, Ohio.....	17,866
Beloit, Wis.....	25,365	Cleveland, Ohio..	878,336	Eugene, Ore.	20,838
Belvedere, Cal....	37,192	Cleveland Hts., O.	54,992	Eureka, Cal.....	17,055
Ben. H'bor, Mich.	16,668	Cliffside Pk., N. J.	16,892	Evanston, Ill....	65,389
Berkeley, Cal....	85,547	Clifton, N. J....	48,827	Evansville, Ind...	97,062
Berlin, N. H....	19,084	Clinton, Ia.....	26,270	Everett, Mass....	46,784
Berwyn, Ill.....	48,451	Coffeyville, Kan..	17,355	Everett, Wash....	30,224
Bessemer, Ala....	22,826	Cohoes, N. Y....	21,955		
Bethlehem, Pa....	58,490	Colo. Spgs., Colo.	36,789		
Beverly Hills, Cal.	26,823	Columbia, Mo....	18,399	Fairmont, W. Va.	23,105
				Fall River, Mass.	115,428

Census 1940 - Continued

Fargo, N. D....	32,580	Houston, Tex.	384,514	Logansport, Ind..	20,177
Fayetteville, N. C.	17,428	Hunt'ton, W. Va.	78,836	Long Beach, Cal..	164,271
Ferndale, Mich..	22,523	Hunting. Pk., Cal.	28,648	Long Branch, N.J.	17,408
Findlay, Ohio....	20,228	Hutchinson, Kan..	30,013	Lorain, Ohio.....	44,125
Fitchburg, Mass..	41,824	Idaho Falls, Idaho	15,024	Los Ang'les, Cal.	1,504,277
Flint, Mich.....	151,543	Independence, Mo.	16,066	Louisville, Ky....	319,077
Florence, Ala....	15,043	Indian'olis, Ind..	386,972	Lowell, Mass.	101,389
Florence, S. C. ...	16,054	Inglewood, Cal....	30,114	Lower Merion, Pa.	39,566
Fd. du Lac, Wis..	27,209	Iowa City, Ia....	17,182	Lubbock, Tex.	31,853
Ft. Dodge, Ia....	22,904	Irondequoit, N.Y.	23,376	Lynchburg, Va....	44,541
Ft. Laud'le, Fla.	17,996	Ironton, Ohio....	15,851	Lyndhurst, N. J.	17,454
Fort Smith, Ark.	36,584	Irvington, N. J..	55,328	Lynn, Mass.....	98,123
Ft. Wayne, Ind..	118,410	Ithaca, N. Y....	19,730		
Ft. Worth, Tex..	177,662				
Fram'ham, Mass.	23,214	Jackson, Mich. ..	49,656	Macon, Ga.....	57,865
Frederick, Md. ...	15,802	Jackson, Miss....	62,107	Madison, Wis.	67,447
Freeport, Ill.....	22,366	Jackson, Tenn. ...	24,332	Malden, Mass....	58,010
Freeport, N. Y....	20,410	Jacksonville, Fla.	173,065	Manchester, N. H.	77,685
Fresno, Cal.....	60,685	Jacksonville, Ill..	19,844	Manitowoc, Wis..	24,404
		Jamestown, N. Y.	42,638	Mankato, Minn....	15,654
Gadsden, Ala....	36,975	Janesville, Wis. .	22,992	Mansfield, Ohio..	37,154
Galesburg, Ill....	28,876	Jeannette, Pa. ...	16,220	Maplewood, N. J.	23,139
Galveston, Tex...	60,862	Jeff'rson City, Mo.	24,268	Marion, Ind.....	26,767
Gardner, Mass....	20,206	Jer. City, N. J..	301,173	Marion, Ohio....	30,817
Garfield, N. J....	28,044	John. City, N. Y.	18,039	Marshall, Tex. ...	18,410
Garfield Hts., O.	16,989	John. City, Tenn.	22,763	Marshalltown, Ia.	19,240
Gary, Ind.....	111,719	Johnstown, Pa. ...	66,668	Mart'sb'g, W. Va.	15,063
Gastonia, N. C. ...	21,313	Joliet, Ill.	42,365	Mason City, Ia....	27,080
Geneva, N. Y....	15,555	Joplin, Mo.....	37,144	Massillon, Ohio..	26,644
Glendale, Cal....	82,582			Mattoon, Ill.....	15,827
Glens Falls, N.Y.	18,836	Kalamazoo, Mich.	54,097	Maywood, Ill....	26,648
Gloucester, Mass.	24,046	Kankakee, Ill....	22,241	McKeesport, Pa..	55,355
Gloversville, N. Y.	23,329	Kan. City, Kan..	121,458	McKees Rocks, Pa.	17,021
Goldsboro, N. C.	17,274	Kan. City, Mo....	399,178	Meadville, Pa. ...	18,919
Gd. Forks, N. D.	20,228	Kearny, N. J....	39,467	Medford, Mass....	63,083
Gd. Island, Neb..	19,130	Kenmore, N. Y..	18,612	Meirose, Mass....	25,333
G. R'pids, Mich..	164,292	Kenosha, Wis. ...	48,765	Memphis, Tenn....	292,942
Granite City, Ill.	22,974	Keokuk, Ia.....	15,076	Meriden, Conn....	39,494
Great Falls, Mont.	29,928	Kewanee, Ill....	16,901	Meridian, Miss....	35,481
Greeley, Colo....	15,995	Kingston, N. Y..	28,589	Methuen, Mass....	21,830
Green Bay, Wis..	46,235	Kingston, Pa. ...	20,679	Miami, Fla.....	172,172
Greenfield, Mass.	15,672	Kinston, N. C. ...	15,388	Miami Bch., Fla.	28,012
Greensboro, N. C.	59,319	Kl'ath Falls, Ore.	16,497	Mich. City, Ind..	26,476
Greensburg, Pa. .	16,743	Knoxville, Tenn..	111,580	Middletown, Conn.	26,495
Greenville, Miss..	20,892	Kokomo, Ind.....	33,795	Middletown, N. Y.	21,908
Greenville, S. C.	34,734			Middletown, Ohio	31,220
Gulfpport, Miss..	15,195			Milford, Mass....	15,388
				Milton, Mass.....	18,708
				Milwaukee, Wis..	587,472
Hackensack, N. J.	26,279	Lackawanna, N.Y.	24,058	Min'polis, Minn..	492,370
Hagerstown, Md..	32,491	La Crosse, Wis..	42,707	Minot, N. D.....	16,577
Hamilton, Ohio....	50,592	Lafayette, Ind....	28,798	Mishawaka, Ind..	28,298
Hammond, Ind. ...	70,184	Lafayette, La....	19,210	Missoula, Mont..	18,449
Hamtra'ck, Mich.	49,839	La Grange, Ga....	21,983	Mobile, Ala.....	78,720
Hannibal, Mo....	20,865	Lake Charles, La.	21,207	Modesto, Cal.....	16,379
Hanover, Pa.	16,439	Lakeland, Fla....	22,068	Moline, Ill.....	34,608
Harrisburg, Pa....	83,893	Lakewood, Ohio..	69,160	Monessen, Pa. ...	20,257
Hartford, Conn....	166,267	Lancaster, Ohio...	21,940	Monroe, La.....	28,309
Harvey, Ill.....	17,878	Lancaster, Pa. ...	61,345	Monroe, Mich....	18,478
Hastings, Neb....	15,145	Lansing, Mich....	78,753	Montclair, N. J.	39,807
Hattiesburg, Miss.	21,026	La Porte, Ind....	16,180	Montgomery, Ala.	78,084
Haverford, Pa....	27,594	Laredo, Tex.	39,274	Morg't'n, W. Va.	16,655
Haverhill, Mass..	46,752	Laurel, Miss....	20,598	Morristown, N. J.	15,270
Hazleton, Pa. ...	38,009	Lawrence, Mass..	84,323	Mt. Carmel, Pa..	17,780
Helena, Mont....	15,056	Lawton, Okla....	18,055	Marlb'ugh, Mass.	15,154
Hempstead, N. Y.	20,856	Leavenworth, Kan.	19,220	Marquette, Mich.	15,928
Hibbing, Minn....	16,385	Lebanon, Pa.	27,206	Mt. Lebanon, Pa.	19,571
Highl'd Pk. Mich.	50,810	Leominster, Mass.	22,226	Mt. Vernon, N.Y.	67,362
High Point, N.C.	38,495	Lewiston, Me. ...	38,598	Muncie, Ind.....	49,720
Hillside, N. J....	18,556	Lexington, Ky....	49,304	Muscataine, Ia....	18,286
Hoboken, N. J....	50,115	Lima, Ohio.....	44,711	Muskegon, Mich..	47,697
Holyoke, Mass....	53,750	Lincoln, Neb....	81,984	M'k'n Hts., Mich.	16,047
Homestead, Pa. .	19,041	Lincoln Pk., Mich.	15,236	Muskogee, Okla..	32,332
Hornell, N. Y....	15,649	Linden, N. J....	24,115		
Hot Springs, Ark.	21,370	Little Rock, Ark.	88,039		
		Lockport, N. Y..	24,379	Nanticoke, Pa. ...	24,387

Census 1940 - Continued

Nashua, N. H.	32,927	Phenix City, Ala.	15,351	S. Antonio, Tex.	253,854
Nashville, Tenn.	167,402	Phila., Pa.	1,931,334	San Bern., Cal.	43,646
Natchez, Miss.	15,296	Phillipsburg, N. J.	18,314	San Diego, Cal.	203,341
Naugatuck, Conn.	15,358	Phoenix, Ariz.	65,414	Sandusky, Ohio.	24,874
New Albany, Ind.	25,414	Pine Bluff, Ark.	21,290	San Fran., Cal.	634,536
Newark, N. J.	429,760	Piqua, Ohio.	16,049	San Jose, Cal.	68,457
Newark, Ohio.	31,487	Pittsburg, Kan.	17,571	San Mateo, Cal.	19,403
N. Bedf'd, Mass.	110,341	Pittsburgh, Pa.	671,659	Santa Ana, Cal.	31,921
N. Britain, Conn.	68,685	Pittsfield, Mass.	49,684	Santa Bar., Cal.	34,958
N. Brunsw'k, N.J.	33,180	Pittston, Pa.	17,823	Santa Cruz, Cal.	16,896
Newburgh, N. Y.	31,883	Plainfield, N. J.	37,469	Santa Fe, N. M.	20,325
New Castle, Ind.	16,620	Plains, Pa.	15,621	Santa Monica, Cal.	53,500
New Castle, Pa.	47,638	Plattsburgh, N. Y.	16,351	S. Ste. Mar., Mich.	15,847
N. Haven, Conn.	160,605	Plymouth, Pa.	15,507	Savannah, Ga.	95,996
N. Ken'ston, Pa.	24,055	Pocatello, Idaho.	18,133	Schenectady, N.Y.	87,549
N. London, Conn.	30,456	Pomona, Cal.	23,539	Scranton, Pa.	140,404
New Orleans, La.	494,537	Ponca City, Okla.	16,794	Seattle, Wash.	368,302
Newport, Ky.	30,631	Pontiac, Mich.	66,626	Sedalia, Mo.	20,428
Newport, R. I.	30,532	Pt. Arthur, Tex.	46,140	Selma, Ala.	19,834
Newport News, Va.	37,067	Pt. Chester, N. Y.	23,073	Shaker Hts., O.	23,393
N. Rochelle, N.Y.	58,408	Pt. Huron, Mich.	32,759	Shamokin, Pa.	18,810
Newton, Mass.	69,873	Portland, Me.	73,643	Sharon, Pa.	25,622
New York, N. Y.	7,454,995	Portland, Ore.	305,394	Shawnee, Okla.	22,053
Niag. Falls, N.Y.	78,029	Portsmouth, Ohio.	40,466	Sheboygan, Wis.	40,638
Niles, Ohio.	16,273	Portsmouth, Va.	50,745	Shenandoah, Pa.	19,790
Norfolk, Va.	144,332	Pottstown, Pa.	20,194	Sherman, Tex.	17,156
Norristown, Pa.	33,181	Pottsville, Pa.	24,530	Shorewood, Wis.	15,184
No. Adams, Mass.	22,213	P'ghkeepsie, N.Y.	40,478	Shreveport, La.	98,167
North'pton, Mass.	24,794	Providence, R. I.	253,504	Sioux City, Ia.	82,364
No. Bergen, N. J.	39,714	Provo, Utah	18,071	Sioux Falls, S. D.	40,832
No. Braddock, Pa.	15,679	Pueblo, Colo.	52,162	Somerv'le, Mass.	102,177
No. Lit. Rock, Ark.	21,137	Quincy, Ill.	40,469	So. Bend, Ind.	101,268
No. To'w'da, N.Y.	20,254	Quincy, Mass.	75,810	Southb'dge, Mass.	16,825
Norwalk, Conn.	39,849	Racine, Wis.	67,195	South Gate, Cal.	26,945
Norwich, Conn.	23,652	Rahway, N. J.	17,498	So. Portland, Me.	15,781
Norwood, Mass.	15,383	Raleigh, N. C.	46,897	Spart'burg, S. C.	32,249
Norwood, Ohio.	34,010	Reading, Pa.	110,568	Spokane, Wash.	122,001
Nutley, N. J.	21,954	Reno, Nev.	21,317	Springfield, Ill.	75,503
Oakland, Cal.	302,163	Revere, Mass.	34,405	Spr'gheld, Mass.	149,554
Oak Park, Ill.	66,015	Richmond, Cal.	23,642	Springfield, Mo.	61,238
Ogden, Utah	43,688	Richmond, Ind.	35,147	Springfield, Ohio.	70,662
Ogdensburg, N. Y.	16,346	Richmond, Va.	193,042	Stamford, Conn.	47,938
Oil City, Pa.	20,379	Riv. R'uge, Mich.	17,008	Staunton, Va.	15,337
Okla. City, Okla.	204,424	Riverside, Cal.	34,696	Steubenville, Ohio	37,651
Okmulgee, Okla.	16,051	Roanoke, Va.	69,287	Stevens Pt., Wis.	15,777
Olean, N. Y.	21,506	Rochester, Minn.	26,312	Stockton, Cal.	54,714
Omaha, Neb.	223,844	Rochester, N. Y.	324,975	Stratford, Conn.	22,580
Orange, N. J.	35,717	Rockford, Ill.	84,637	Summit, N. J.	16,165
Orlando, Fla.	36,736	Rock Hill, S. C.	15,009	Sumter, S. C.	15,874
Oshkosh, Wis.	39,089	Rock Island, Ill.	42,775	Sunbury, Pa.	15,462
Ossining, N. Y.	15,996	Rock Centre, N.Y.	18,613	Superior, Wis.	35,136
Oswego, N. Y.	22,062	Rocky Mt., N. C.	25,568	Swissvale, Pa.	15,919
Ottawa, Ill.	16,005	Rome, Ga.	26,282	Syracuse, N. Y.	205,967
Ottumwa, Ia.	31,570	Rome, N. Y.	34,214	Tacoma, Wash.	109,408
Owensboro, Ky.	30,245	Royal Oak, Mich.	25,087	Tallahassee, Fla.	16,240
Paducah, Ky.	33,765	Rutherford, N. J.	15,466	Tampa, Fla.	108,391
Palo Alto, Cal.	16,774	Rutland, Vt.	17,082	Taunton, Mass.	37,395
Paris, Tex.	18,678	Sacramento, Cal.	105,958	Teaneck, N. J.	25,275
Park'sb'g, W. Va.	30,103	Saginaw, Mich.	82,794	Temple, Tex.	15,344
Parma, Ohio.	16,365	St. Cloud, Minn.	24,173	Terre Haute, Ind.	62,693
Pasadena, Cal.	81,864	St. Joseph, Mo.	75,711	Texasarkana, Tex.	17,019
Passaic, N. J.	61,394	St. Louis, Mo.	816,048	Tiffin, Ohio.	16,102
Paterson, N. J.	139,656	St. Paul, Minn.	287,736	Toledo, Ohio.	232,349
Pawtucket, R. I.	75,797	St. Petersb'g, Fla.	60,812	Topeka, Kan.	67,833
Peabody, Mass.	21,711	Salem, Mass.	41,213	Torrington, Conn.	26,988
Peekskill, N. Y.	17,311	Salem, Ore.	30,908	Trenton, N. J.	124,697
Pekin, Ill.	19,407	Salina, Kan.	21,073	Troy, N. Y.	70,304
Pennsauken, N. J.	17,745	Salisbury, N. C.	19,037	Tucson, Ariz.	36,818
Pensacola, Fla.	37,449	S. Lake C., Utah.	149,934	Tulsa, Okla.	142,157
Peoria, Ill.	105,087	San Angelo, Tex.	25,802	Tuscaloosa, Ala.	27,493
Perth Amboy, N.J.	41,242			Tyler, Tex.	28,279
Petersburg, Va.	30,631			Union, N. J.	24,730

Census 1940 - Continued

Union City, N. J.	56,173
Uniontown, Pa.	21,819
Univ'ity City, Mo.	33,023
Upper Darby, Pa.	56,883
Utica, N. Y.	100,518
Valdosta, Ga.	15,595
Vallejo, Cal.	20,072
Val Stream, N.Y.	16,679
Vanco'ver, Wash.	18,788
Vicksburg, Miss.	24,460
Vincennes, Ind.	18,228
Waco, Tex.	55,982
Wakefield, Mass.	16,223
W. Walla, Wash.	18,109
Waltham, Mass.	40,020
Warren, Ohio.	42,837
Warwick, R. I.	28,757
Washington, D. C.	663,091
Washington, Pa.	26,166
Waterbury, Conn.	99,314
Waterloo, Ia.	51,743
Watertown, Mass.	35,427
Watertown, N. Y.	33,385
Waterville, Me.	16,688
Watervliet, N. Y.	16,114
Waukegan, Ill.	34,241
Waukesha, Wis.	19,242
Wausau, Wis.	27,268
Wauwatosa, Wis.	27,769
Waycross, Ga.	16,763
Webster G'ves, Mo.	18,394
Wellesley, Mass.	15,127
West Allis, Wis.	36,364
Westfield, N. J.	18,458
Westfield, Mass.	18,793
W. Hartford, Conn.	33,776
W. Haven, Conn.	30,021
West N. Y., N. J.	39,439
W. Orange, N. J.	25,662
W. Palm B., Fla.	33,693
W. Sp'g'd, Mass.	17,135
W. Warwick, R.I.	18,188
Weymouth, Mass.	23,868
Wheeling, W. Va.	61,099
W'te Plains, N.Y.	40,327
Whittier, Cal.	16,115
Wichita, Kan.	114,966
Wich. Falls, Tex.	45,112
Wilkes-Barre, Pa.	86,236
Wilkinsburg, Pa.	29,853
Williamsport, Pa.	44,355
Wilmette, Ill.	17,226
Wilmington, Del.	112,504
Wilmington, N. C.	33,407
Wilson, N. C.	19,234
Winchester, Mass.	15,081
Winona, Minn.	22,490
Win.-Salem, N.C.	79,815
Winthrop, Mass.	16,768
Woburn, Mass.	19,751
Woodbridge, N. J.	27,191
Woonsocket, R. I.	49,303
Worcester, Mass.	193,694
Wyandotte, Mich.	30,618
Yakima, Wash.	27,221
Yonkers, N. Y.	142,598
York, Pa.	56,712
Youngstown, Ohio.	167,720
Zanesville, Ohio.	37,500

POPULATION BY STATES

	1940	1930	Increase
Alabama	2,332,961	2,646,248	7.0
Arizona	499,261	435,573	14.5
Arkansas	1,949,387	1,854,482	5.1
California	6,907,387	5,677,251	21.3
Colorado	1,123,296	1,035,791	8.5
Connecticut	1,709,242	1,606,903	6.4
Delaware	266,505	238,380	11.8
Dist. of Columbia	663,091	486,869	36.2
Florida	1,897,414	1,468,211	29.3
Georgia	3,123,723	2,908,506	7.6
Idaho	524,873	445,032	17.9
Illinois	7,897,241	7,630,654	3.5
Indiana	3,427,796	3,238,503	5.8
Iowa	2,538,268	2,470,939	2.7
Kansas	1,801,028	1,880,999	*4.3
Kentucky	2,845,627	2,614,589	8.8
Louisiana	2,363,880	2,101,593	12.3
Maine	847,226	797,423	6.2
Maryland	1,821,244	1,631,526	11.6
Massachusetts	4,316,721	4,249,614	1.6
Michigan	5,256,106	4,842,325	8.5
Minnesota	2,792,300	2,563,953	8.9
Mississippi	2,183,796	2,009,821	8.7
Missouri	3,784,664	3,629,367	4.3
Montana	559,456	537,606	4.1
Nebraska	1,315,834	1,377,963	*4.3
Nevada	110,247	91,058	21.1
New Hampshire	491,524	465,293	5.6
New Jersey	4,160,165	4,041,334	2.9
New Mexico	531,818	423,317	25.6
New York	13,479,142	12,588,066	7.1
North Carolina	3,571,623	3,170,276	12.6
North Dakota	641,935	680,845	*5.7
Ohio	6,907,612	6,646,697	3.9
Oklahoma	2,336,434	2,396,040	*2.6
Oregon	1,089,684	953,786	14.2
Pennsylvania	9,900,180	9,631,350	2.8
Rhode Island	713,346	687,497	3.8
South Carolina	1,899,804	1,738,765	9.3
South Dakota	642,961	692,849	*7.2
Tennessee	2,915,841	2,616,556	11.4
Texas	6,414,824	5,824,715	10.1
Utah	550,310	507,847	8.4
Vermont	359,231	359,611	*0.1
Virginia	2,677,773	2,421,851	10.5
Washington	1,736,191	1,563,396	11.1
West Virginia	1,901,974	1,729,205	10.0
Wisconsin	3,137,587	2,939,006	6.8
Wyoming	250,742	225,565	11.2

* Denotes decrease.

	1940	1930
Alaska	72,524	59,200
American Samoa	12,908	10,000
Guam	22,290	18,500
Hawaii	423,330	368,330
Panama Canal Zone	51,827	39,400
Puerto Rico	1,869,255	1,543,900
Virgin Islands	24,889	22,000
Military, Naval, etc., abroad	118,933	89,400
Philippine Islands	16,356,000	13,513,000

Territories and Possessions..	18,951,956	15,664,000
Continental United States..	131,669,275	122,775,000
Total United States.....	150,621,231	138,439,000

SOUTHWESTERN BELL TELEPHONE COMPANY
TOLL SERVICE AND TELEGRAMS

BMT 2 2346

PLACE CALLED

AMOUNT

MAY

21

HOUMA LAP ✓

1 90

RICHMD

1 85

JUN

10

HOU P

1 05

20

SACRAM T

1 73

*Call for
Mitchell*

TOTALS OF ABOVE SERVICE CHARGES

653

COMPUTATION OF TAXES

U. S. TAX ON TOLL CALLS UNDER 25¢ @ 15%

X X X

U. S. TAX ON INTERNATIONAL TELEGRAMS @ 10%

X X X

U. S. TAX ON ALL OTHER TAXABLE MESSAGES @ 25%

X X X

163

TOTAL CARRIED TO BILL

816

EXPLANATION OF LETTERS FOLLOWING PLACE CALLED: P - PERSON TO PERSON. R - REPORT CHARGE.
C - MESSAGE RECEIVED COLLECT. N - NIGHT AND SUNDAY RATE. T - TELEGRAM, CABLE OR RADIOGRAM.

FORM SN 643-b (1-48)

1 80
1 82
1 08
1 79

HONMA L A P
RICHMD
HOU P
SACRAM T

YAY
JUN
10
50

